# CFD-C1000

# SERVICE MANUAL

*US Model*
*Canadian Model*

**Ver 1.2 2000. 10**

| | | |
|---|---|---|
| CD Section | Model Name Using Similar Mechanism | NEW |
| | CD Mechanism Type | KSM-213CCM |
| | Optical Pick-up Name | KSS-213C |
| TC Section | Model Name Using Similar Mechanism | CFD-ZW150/ZW160 |
| | Tape Transport Mechanism Type | MF-ZW150 |

## SPECIFICATIONS

**AUDIO POWER SPECIFICATIONS (US Model)**
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 6-ohm loads, both channel driven from 75 - 15,000 Hz; rated 10 W per channel-minimum RMS power, with no more than 1% total harmonic distortion in AC operation.

**Other Specifications**

**CD player section**

System
Compact disc digital audio system
Laser diode properties
Material: GaAlAs
Wave length: 780 nm
Emission duration: Continuous
Laser output: Less than 44.6 µW
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)
Spindle speed
200 r/min (rpm) to 500 r/min (rpm) (CLV)
Number of channels
2
Frequency response
20 - 20,000 Hz +1/–2 dB
Wow and flutter
Below measurable limit

**Radio section**

Frequency range
FM: 87.6 - 108 MHz
AM: 530 - 1,710 kHz
Antenna
FM: Telescopic antenna
AM: Loop antenna

**Cassette-corder section**

Recording system
4-track 2 channel stereo
Fast winding time
Approx. 120 s (sec.) with Sony cassette C-60
Frequency response
TYPE I (normal): 100 - 10,000 Hz

– Continued on next page –

## CD RADIO CASSETTE-CORDER

MICROFILM

SONY®

**General**

Speaker
Full range: 10 cm (4 in.) dia., 6 ohms, cone type (2)
Outputs
Headphones jack (stereo minijack): For 16 - 64 ohms impedance headphones
Speaker terminals: For supplied 6 ohms impedance speaker
Power output (excluding US model)
13 W + 13 W (at 6 ohm, 10 % harmonic distortion)
Power requirements
For CD radio cassette-corder: 120 V AC, 60 Hz
For remote controller: 3 V DC, 2 size AA (R6) batteries
Power consumption
AC 50 W
Dimensions
Approx. 687 × 297 × 404 mm (w/h/d) (27 1/8 × 11 3/4 × 16 inches) (incl. projecting parts)
Mass
Approx. 10.5 kg (23 lb. 2 oz.)
Supplied accessories
Remote controller RMT-CC1000A (1)
AM loop antenna (1)

Design and specifications are subject to change without notice.

**CAUTION**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

### Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

### NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

### NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

**ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!**

**LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.**

## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

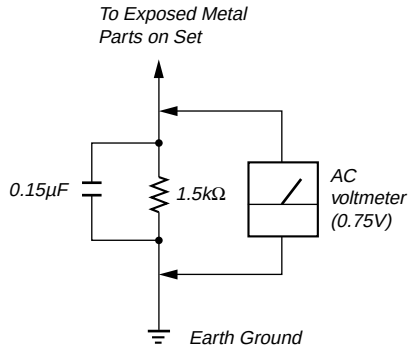



***Fig. A. Using an AC voltmeter to check AC leakage.***

## TABLE OF CONTENTS

**1. GENERAL**
Playing a CD ..... 4
Listening to the radio ..... 4
Playing a tape ..... 5
Recording on a tape ..... 5

**2. DISASSEMBLY**
2-1. "Top Assy, Cabinet", "Changer Assy, CD" ..... 6
2-2. Rear Assy, Cabinet ..... 6
2-3. Power Board ..... 7
2-4. Mechanism Deck Block ..... 7
2-5. Main Board ..... 8
2-6. LCD Board ..... 8
2-7. CD Lamp Board and Disc Board and Display Board ..... 9
2-8. Base, Changer ..... 9
2-9. Optical Pick-up ..... 10

**3. MECHANICAL ADJUSTMENTS** ..... 11

**4. ELECTRICAL ADJUSTMENTS**
Tape Section ..... 11
Tuner Section ..... 13
CD Section ..... 14

**5. DIAGRAMS**
5-1. IC Pin Description ..... 15
5-2. Circuit Boards Location ..... 16
5-3. Block Diagram –CD Section– ..... 17
5-4. Block Diagram –Main Section– ..... 19
5-5. Printed Wiring Boards –Key Section– ..... 21
5-6. Schematic Diagram –Key Section– ..... 23
5-7. Printed Wiring Board –Audio Section– ..... 25
5-8. Schematic Diagram –Audio Section– ..... 27
5-9. Printed Wiring Boards –CD Section– ..... 29
5-10. Schematic Diagram –CD Section– ..... 31
5-11. Printed Wiring Boards –Control Section– ..... 33
5-12. Schematic Diagram –Control Section– ..... 35
5-13. Printed Wiring Boards –Power Supply Section– ..... 37
5-14. Schematic Diagram –Power Supply Section– ..... 39
5-15. Schematic Diagram –Tuner Section– ..... 41

**6. EXPLODED VIEWS**
6-1. Rear Cabinet Section ..... 48
6-2. Front Cabinet Section-1 ..... 49
6-3. Front Cabinet Section-2 ..... 50
6-4. CD Changer Section-1 ..... 51
6-5. CD Changer Section-2 ..... 52
6-6. Tape Mechanism Deck Section-1 ..... 53
6-7. Tape Mechanism Deck Section-2 ..... 54
6-8. Tape Mechanism Deck Section-3 ..... 55
6-9. Optical Pick-up Section ..... 56
6-10. Speaker Section ..... 57

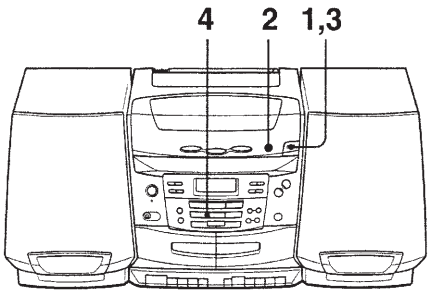
**7. ELECTRICAL PARTS LIST** ..... 58

# SECTION 1
# GENERAL

This section is extracted from instruction manual.



## Playing a CD

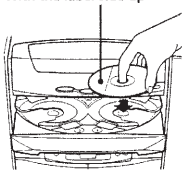



For hookup instructions, see pages 26 - 27.

**1** OPEN/CLOSE

Press OPEN/CLOSE (direct power-on) and place the CD on the CD tray. Be sure to align the center of the CD with the center of the CD tray.

**With the label side up**



**Note**

Place one CD each only on the CD tray. If you place one CD over another and close the CD tray, you will not be able to pull out the tray.

**2** DISC CHANGE

Press DISC CHANGE to turn the CD tray, and place second and third CD on the CD tray.

**3** OPEN/CLOSE

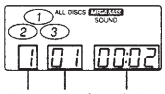
Press OPEN/CLOSE to close the CD tray.

**4**

Press ▶II.

The player plays all the tracks of all the CDs in the CD tray once.

**Display**

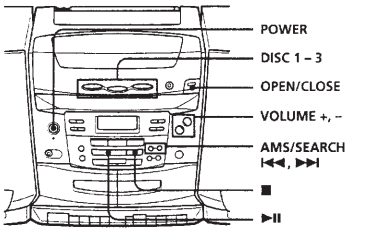



CD number | Track number | Playing time

**Tips**

- You can change a CD while playing another. Press OPEN/CLOSE to pull out the CD tray and change the CD. Press OPEN/CLOSE again to close the CD tray. Do not close the CD tray by hand, as that may cause trouble.
- Next time you want to listen to a CD, just press ▶II. The player turns on automatically and starts playing the CD.

**Use these buttons for additional operations**



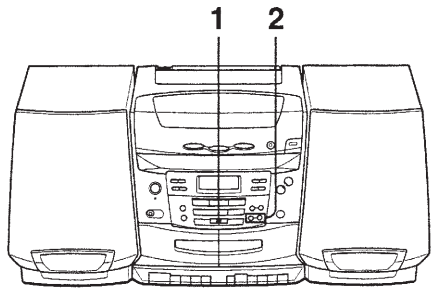

| To | Do this |
|---|---|
| adjust the volume | Press VOLUME +, – (VOL +, – on the remote). |
| stop playback | Press ■. |
| pause playback | Press ▶II (II on the remote). Press the button again to resume play after pause. |
| go to the next track | Press AMS/SEARCH ▶▶I. |
| go back to the previous track | Press AMS/SEARCH I◀◀. |
| remove the CD | Press OPEN/CLOSE. |
| turn on/off the player | Press POWER. |
| play only one CD | Press PLAY MODE•MONO/ST ISS until "ALL DISCS" disappears, then press DISC 1, DISC 2 or DISC 3 (desired DISC SELECT). |







## Listening to the radio

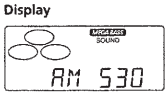



For hookup instructions, see pages 26 - 27.

**1** BAND

Press BAND until the band you want appears in the display (direct power-on).

**Display**



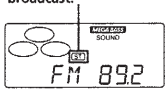

**2** TUNING

Hold down TUNING + or – (TUNE + or – on the remote) until the frequency digits begin to change in the display.

The player automatically scans the radio frequencies and stops when it finds a clear station.

If you can't tune in a station, press the button repeatedly to change the frequency step by step.

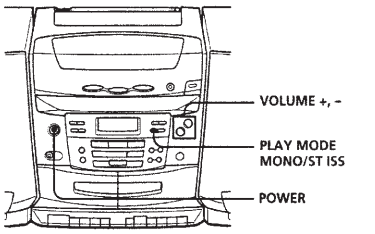
**Indicates an FM stereo broadcast.**




**Tips**

- If the FM broadcast is noisy, press PLAY MODE•MONO/ST ISS until "Mono" appears in the display and the radio will play in monaural.
- Next time you want to listen to the radio, just press RADIO or BAND. The player turns on automatically and starts playing the previous station.

**Use these buttons for additional operations**

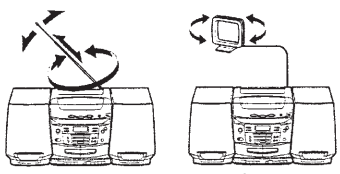



| To | Press |
|---|---|
| adjust the volume | VOLUME +, – (VOL +, – on the remote) |
| turn on/off the radio | POWER |

**To improve broadcast reception**

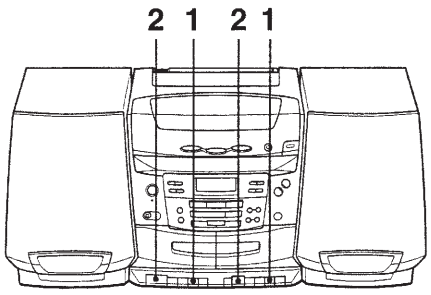
Reorient the antenna for FM.

Keep the AM loop antenna (supplied) away as far as possible from the player and then reorient the antenna.

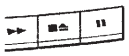


for FM | for AM

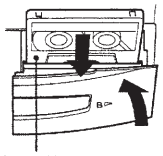
# Playing a tape




For hookup instructions, see pages 26 - 27.

**1** 

Press ■⏏ to open the tape compartment and insert a recorded tape. Use TYPE I (normal) tape only. Close the compartment.



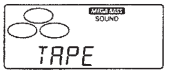
With the side you want to play facing you

**2**

Press ►.

The player turns on (direct power-on) and starts playing.

Display



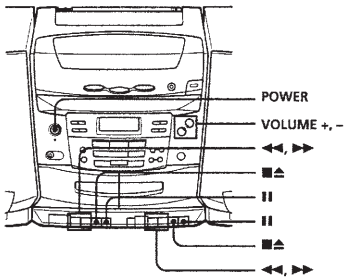

**Note**

During playback, do not press buttons on the other deck. Otherwise the playback speed may change.

**Tip**

Next time you want to listen to a tape, just press ►. The player turns on automatically and starts playing the tape.

**Use these buttons for additional operations**



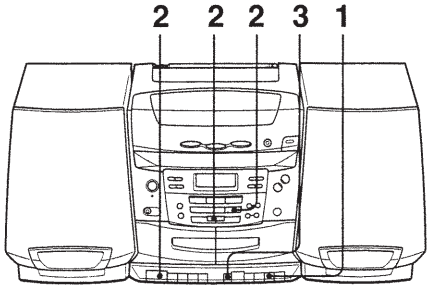

| To | Press |
|---|---|
| adjust the volume | VOLUME +, – (VOL +, – on the remote) |
| stop playback | ■⏏ |
| fast-forward or rewind the tape | ►► or ◄◄ |
| pause playback | II<br>Press the button again to resume play after pause. |
| eject the cassette | ■⏏ |
| turn on/off the player | POWER |



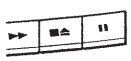




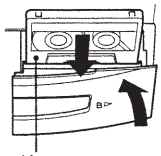
# Recording on a tape




For hookup instructions, see pages 26 - 27.

**1** 

Press ■⏏ to open the tape compartment on deck B and insert a blank tape. Use TYPE I (normal) tape only.



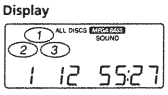
With the side you want to record on facing you

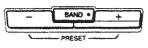
**2**

Select the program source you want to record.

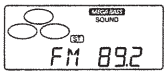
To record from the CD player, insert a CD (see page 4) and press ■ on the CD section.

Display

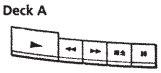


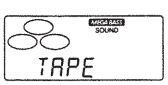

To record from the radio, tune in the station you want (see page 6).

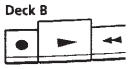



Deck A



To record from a tape, insert a recorded tape into deck A and press II and then ► on deck A.




**3** Deck B 

Press ● on deck B to start recording (► is depressed automatically).

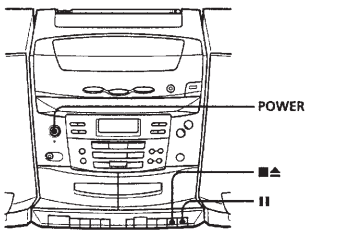
**Tips**

- Adjusting the volume or the audio emphasis (see page 28) will not affect the recording level.
- If the AM program makes a whistling sound after you've pressed ● in step 3, press PLAY MODE• MONO/ST ISS (Interference Suppress switch) repeatedly until the noise is at a minimum.
- When recording from two or three CDs, the player pauses recording and makes a blank between the tracks while CDs are being changed, When changing of CDs is finished, recording resumes automatically.
- To erase a recording, proceed as follows:
  1 Insert the tape whose recording you want to erase into deck B.
  2 Press TAPE.
  3 Press ● on deck B.

**Note**

Do not press ►► or ◄◄ on deck A while recording on a tape.

**Use these buttons for additional operations**




| To | Press |
|---|---|
| stop recording | ■⏏ on deck B |
| pause recording | II on deck B<br>Press the button again to resume recording. |
| turn on/off the player | POWER |

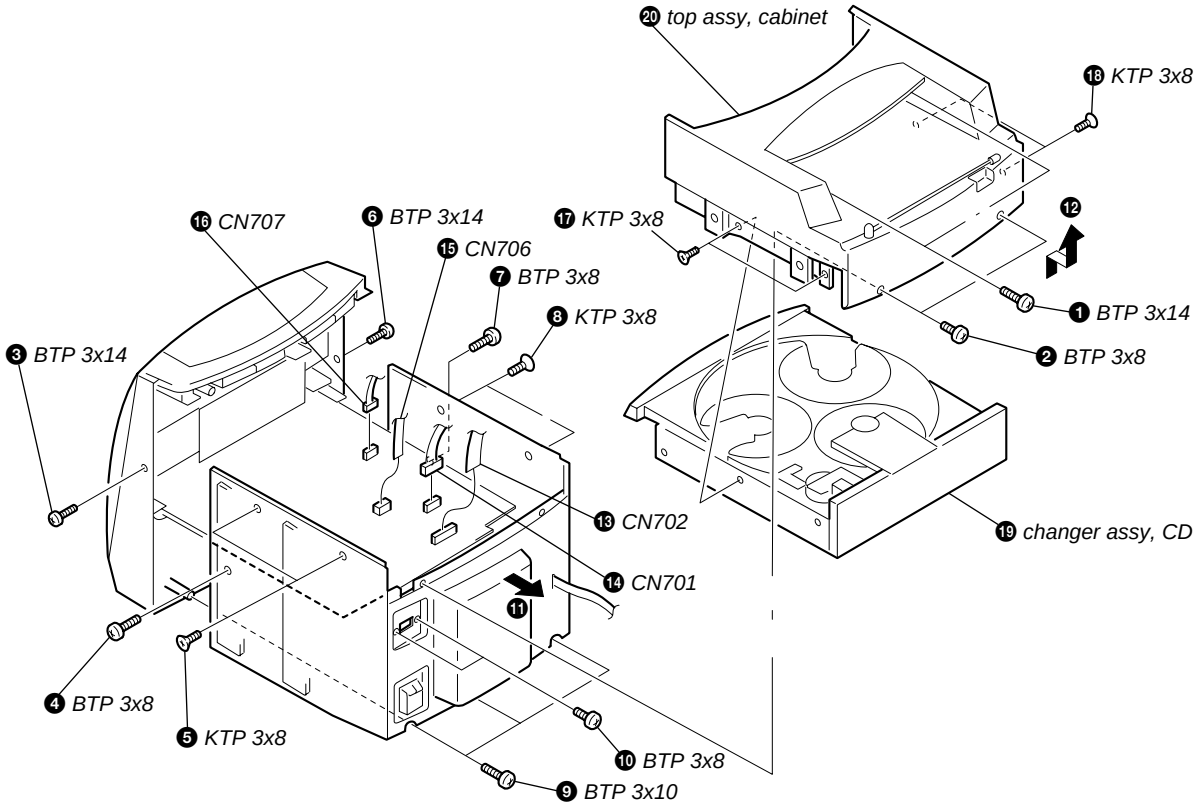
# SECTION 2
# DISASSEMBLY

• The equipment can be removed using the following procedure.

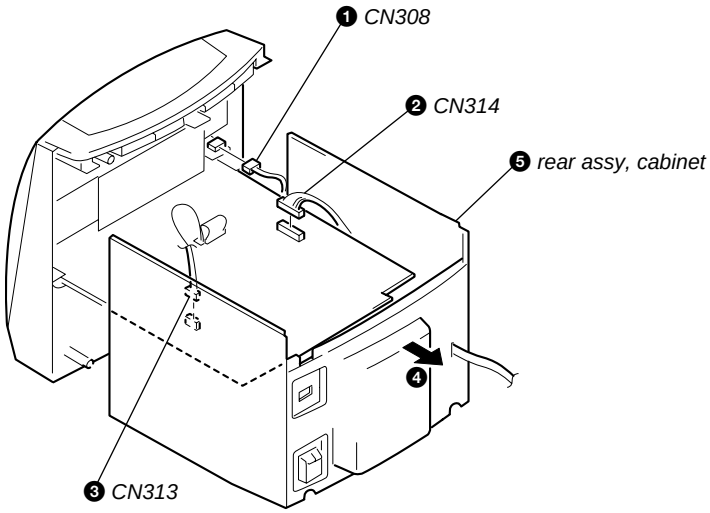
Set → "Top Assy, Cabinet", "Changer Assy, CD" → Rear Assy, Cabinet / Base, Changer → Mechanism Deck Block → Optical Pick-up; Main Board → LCD Board → CD Lamp Board and Disc Board and Display Board; Power Board

**Note :** Follow the disassembly procedure in the numerical order given.

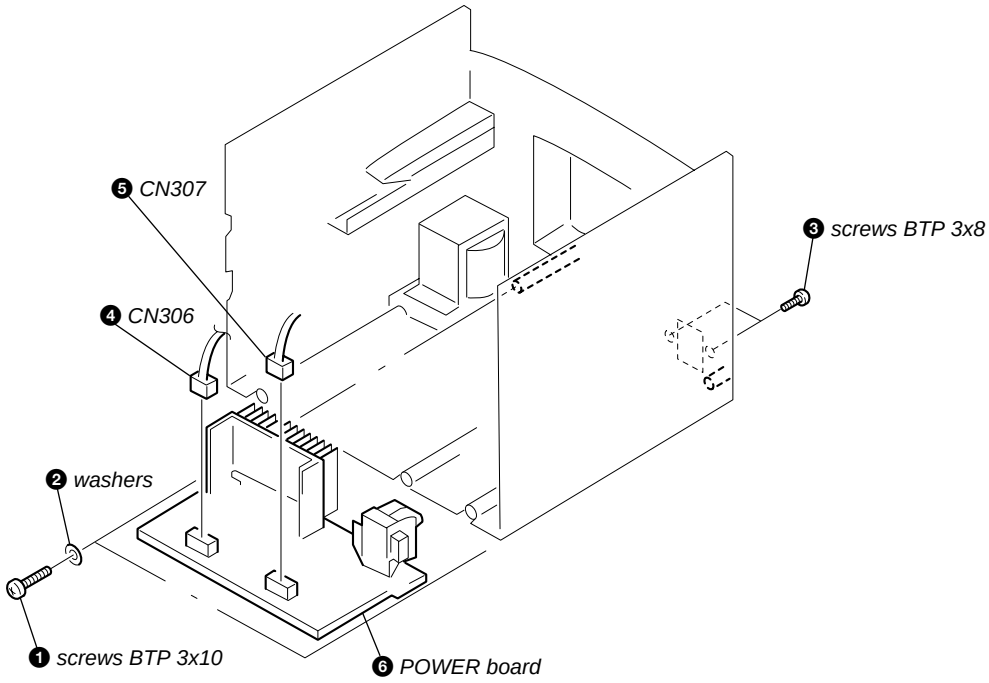
## 2-1. "TOP ASSY, CABINET", "CHANGER ASSY, CD"



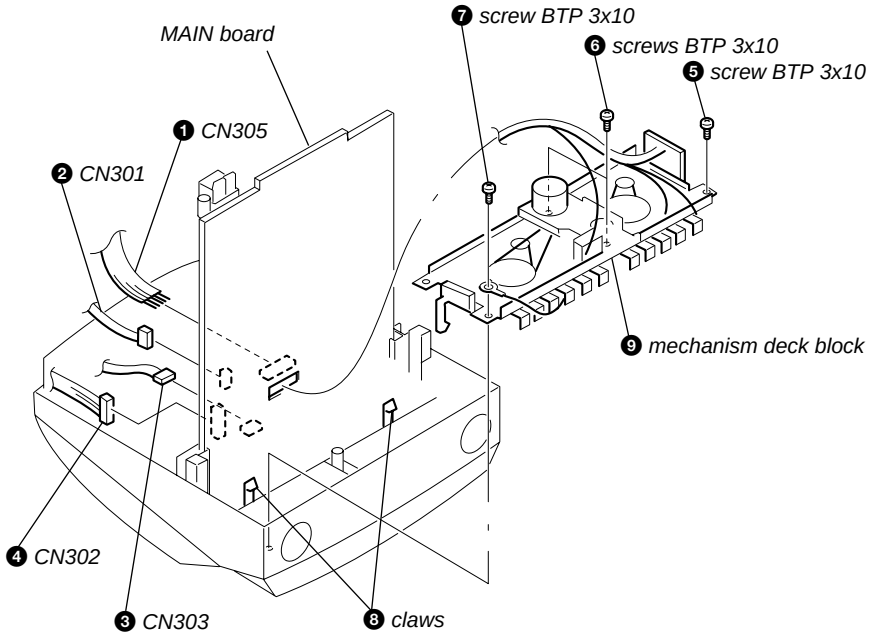

## 2-2. REAR ASSY, CABINET



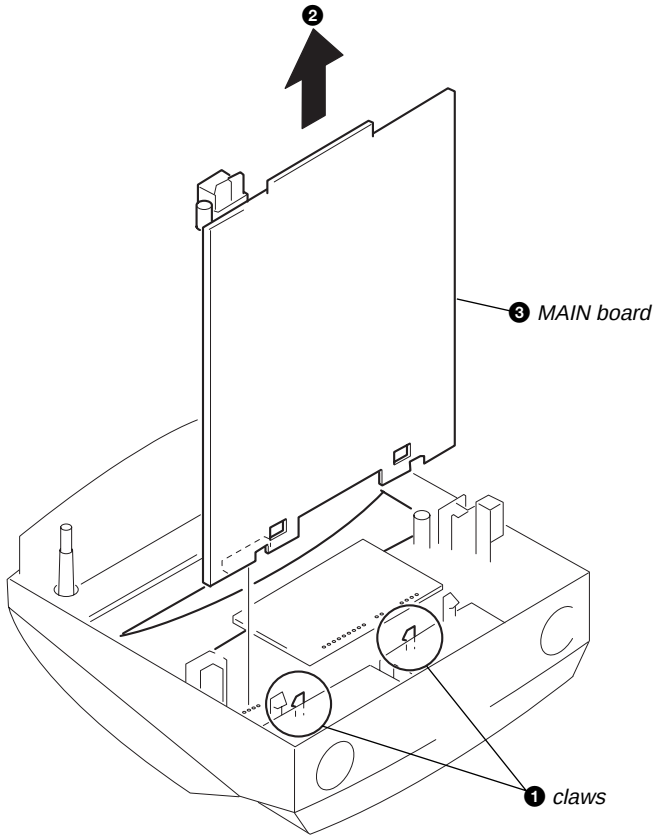
### 2-3. POWER BOARD



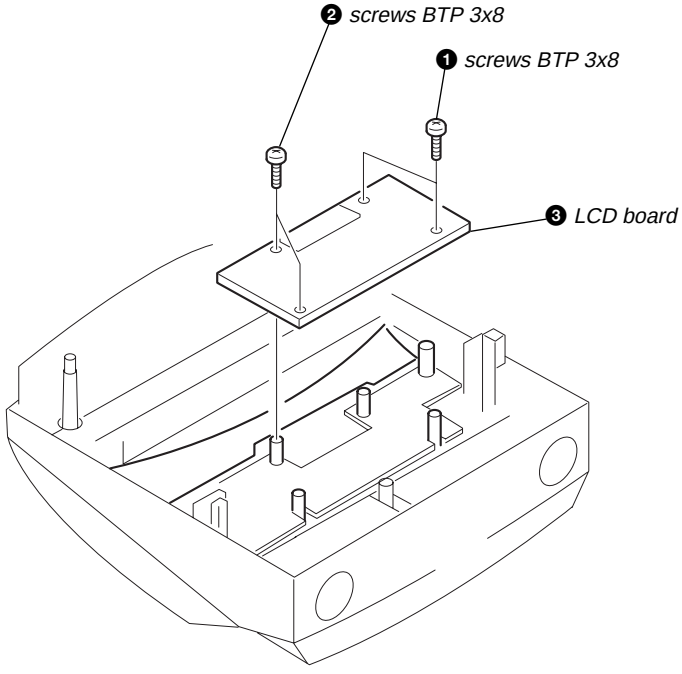

### 2-4. MECHANISM DECK BLOCK



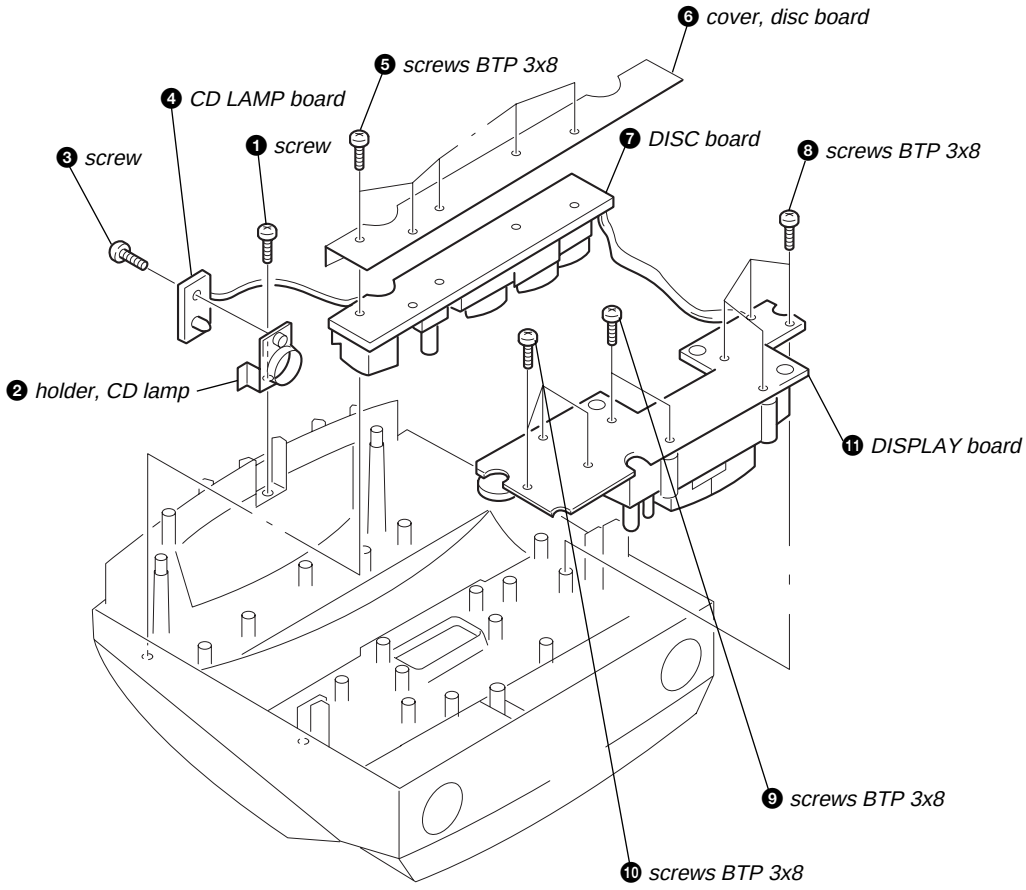
## 2-5. MAIN BOARD



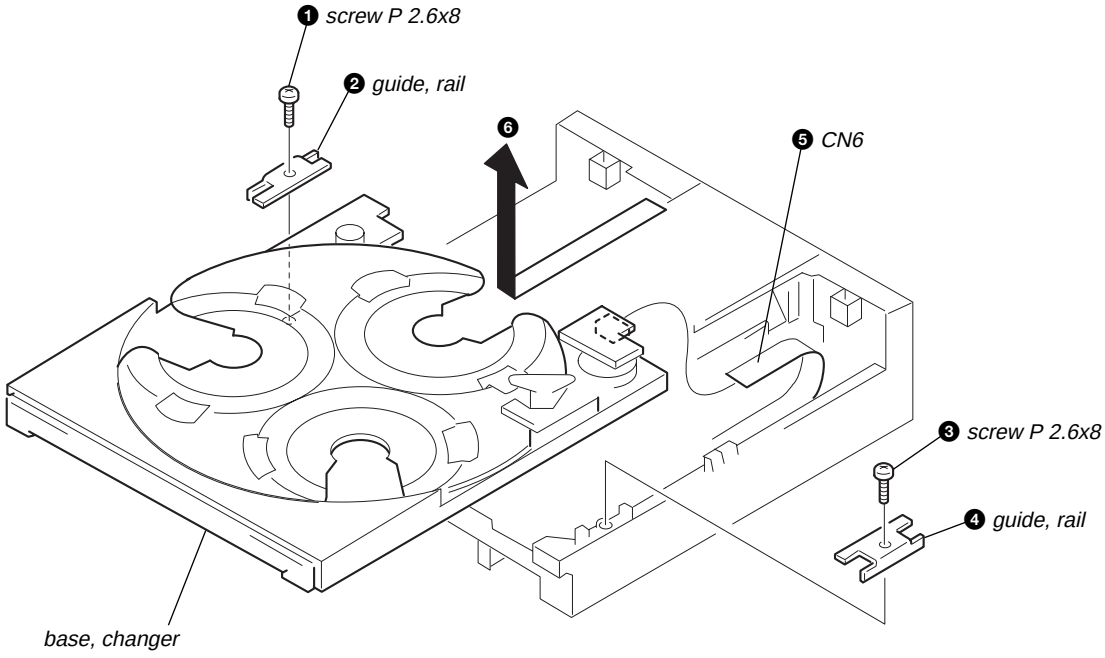

## 2-6. LCD BOARD



## 2-7. CD LAMP BOARD AND DISC BOARD AND DISPLAY BOARD

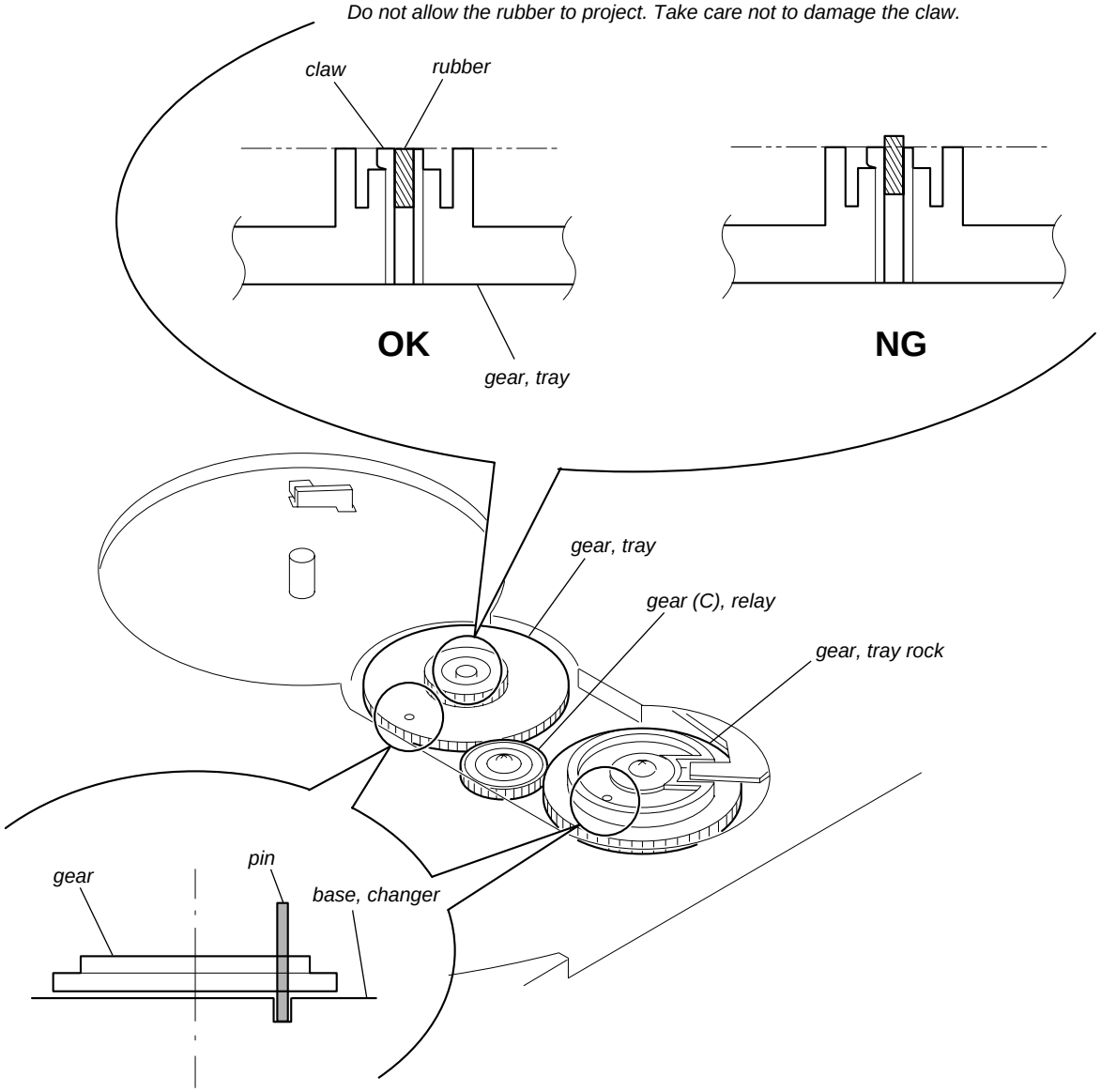



## 2-8. BASE, CHANGER



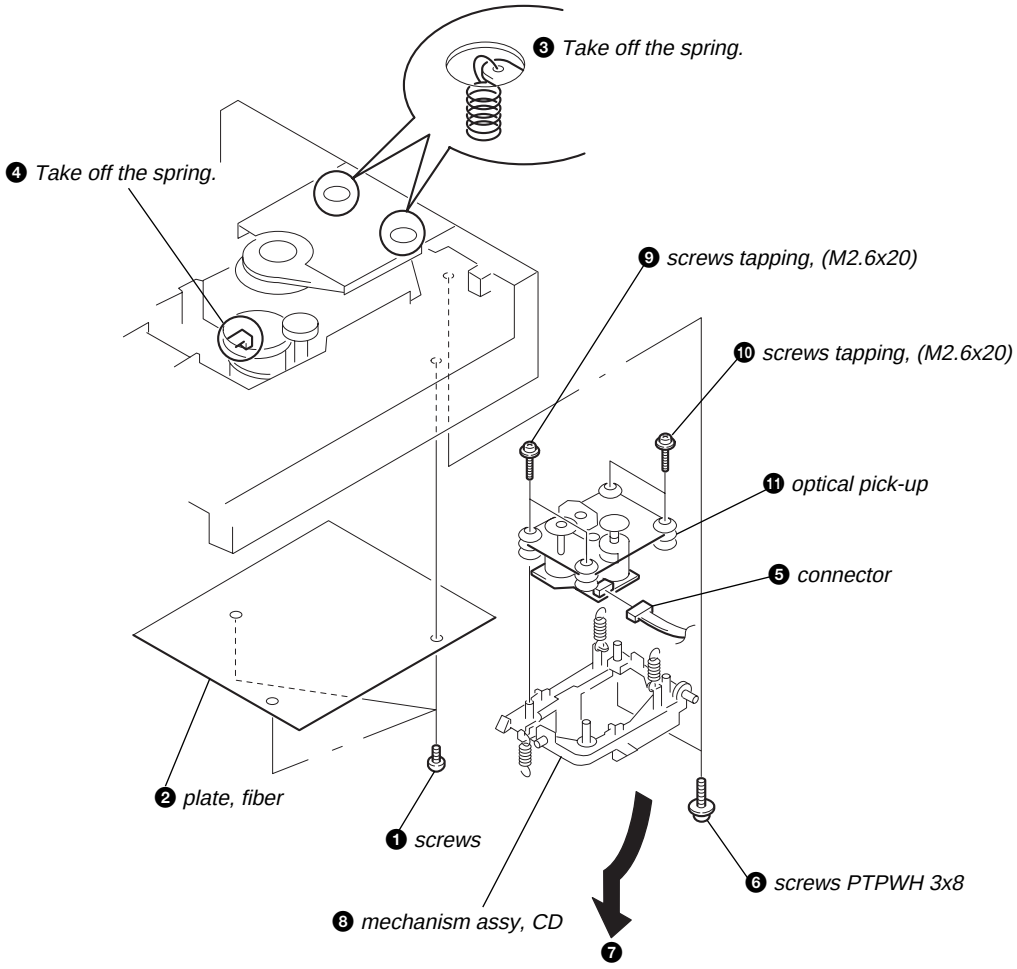
• NOTE FOR INSTALLATION OF THE “BASE, CHANGER”
It is important for the CD changer mechanism to ensure a proper alignment between the “gear, tray” and the “gear, tray rock”.

❷ *There are two types of “gear, tray” available: screw fastening type and rubber fit type. For the rubber fit type of “gear, tray” , fit the rubber in the boss on the “gear, tray” . Do not allow the rubber to project. Take care not to damage the claw.*




❶ *Pass a pin of 1.5 mm diameter through the holes in the “gear , tray ” and the “gear, tray rock” and align these holes with the hole in the “base, changer”.*

## 2-9. OPTICAL PICK-UP



# SECTION 3
# MECHANICAL ADJUSTMENTS

## PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
   record/playback head, playback head, erase head, capstan, pinch roller, rubber belts, idlers
2. Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

### Torque Measurement DECK A DECK B

| Mode | Torque meter | Meter reading |
|---|---|---|
| Forward | CQ-102C | 22.5 to 55 g • cm (0.31 to 0.76 oz • inch) |
| Forward back tension | CQ-102C | 2 to 5 g • cm (0.03 to 0.07 oz • inch) |
| Fast Forward and Rewind | CQ-201B | 60 to 120 g • cm (0.83 to 1.67 oz • inch) |

### Tape Tension Measurement DECK A DECK B

| Mode | Tension meter | Meter reading |
|---|---|---|
| Forward | CQ-403A | more than 150 g (more than 5.29 oz) |

# SECTION 4
# ELECTRICAL ADJUSTMENTS

**TAPE SECTION** **0 dB = 0.775 V**

### Standard Output Level

| Output terminal | SP OUT | PHONES OUT |
|---|---|---|
| load impedance | 6 Ω | 32 Ω |
| output signal level | 0.775 V (0 dB) | 0.25 V (–10 dB) |

### Test Tape

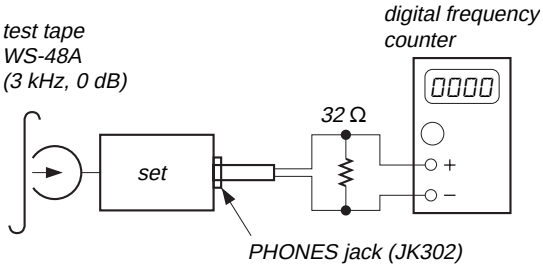
| Tape | Signal | Used for |
|---|---|---|
| WS-48A | 3 kHz, 0 dB | tape speed adjustment |
| P-4-A063 | 6.3 kHz, –10 dB | head azimuth adjustment |

### Tape Speed Adjustment DECK A DECK B

**Procedure:**

• Perform normal speed adjustment before high speed check.

Mode: playback (deck A)
record (deck B)



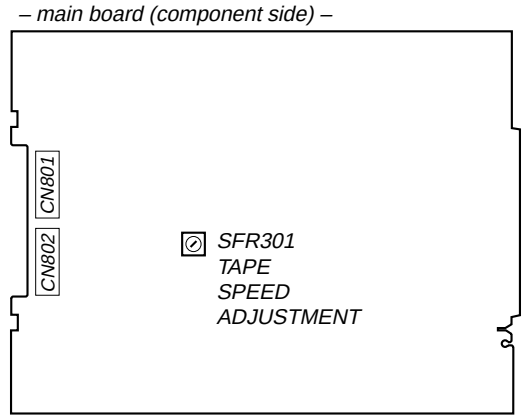

Adjust SFR301 so that the value on the digital frequency counter is 3 kHz.

### Specification Value:

| Deck | Tape speed | Adjustment point | Frequency counter |
|---|---|---|---|
| A | Normal (playback) | SFR301 | 2,985 to 3,015 Hz |
| A | HI-SPEED DUBBING (playback) | (confirmation) | 5,700 to 6,500 Hz |
| B | HI-SPEED DUBBING (record) | _____ | _____ |

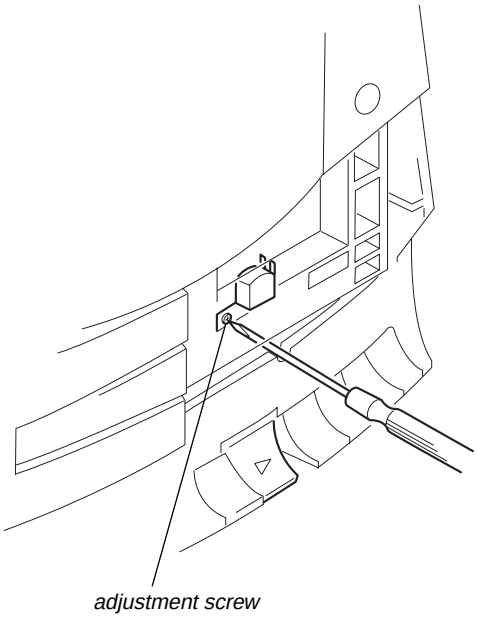
Frequency difference between the beginning and the end of the tape should be within ± 1.5% (both Normal and Hi-speed).

**Adjustment Location:**



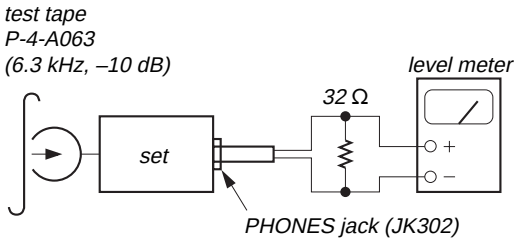
## REC/PB Head Azimuth Adjustment DECK A DECK B

**Adjustment Location:** playback head (deck A)
record/playback head (deck B)

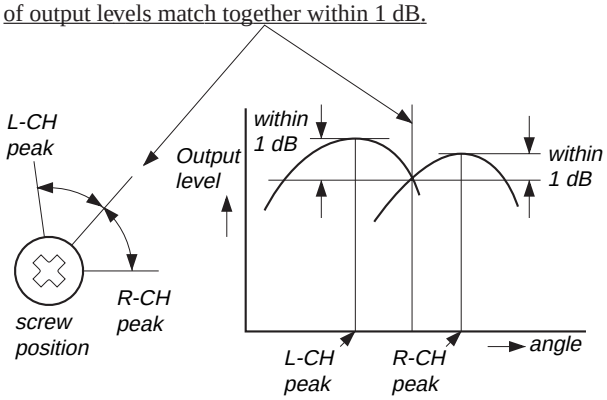



**Procedure:**

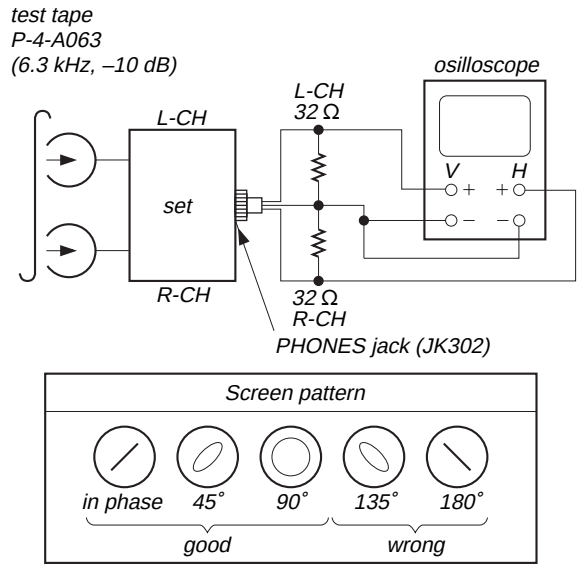
1. Mode: playback




2. Turn the adjustment screw for the maximum output levels. If these levels do not match. Turn the adjustment screw until both of output levels match together within 1 dB.




3. Phase Check
Mode: playback





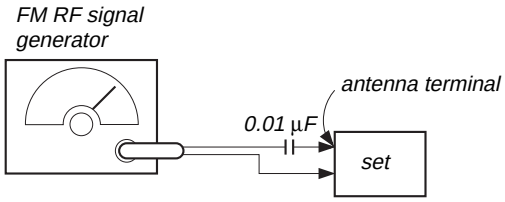


**Note:** Finish the screw adjustment with a turn in the clockwise direction.
After the adjustment, lock the adjustment screw.

## TUNER SECTION | 0 dB = 1 µV

- **FM Section**

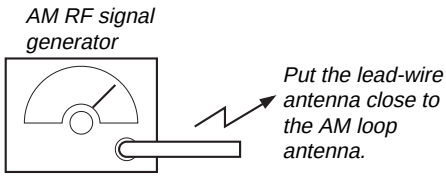
**Setting:**
BAND switch: FM




*22.5 kHz frequency deviation by 1 kHz signal*
*Output level : as low as possible*

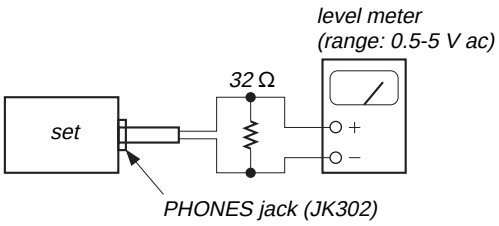
- **AM Section**

**Setting:**
BAND switch: AM

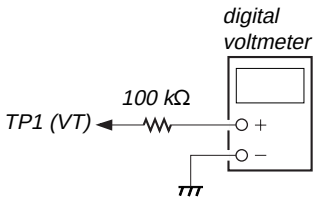



*30% amplitude modulation by 400 Hz signal*
*Output level : as low as possible*

- **Connecting Level Meter (FM and AM)**




- **Connecting Digital Voltmeter (FM and AM)**




- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

| FM FREQUENCY COVERAGE CHECK | | |
|---|---|---|
| Frequency Display | 87.5 MHz | 108 MHz |
| Reading on Digital voltmeter | 2.0 ± 0.2 V | 7.3 ± 0.1 V |
| Adjustment Part | <confirmation> | <confirmation> |

| FM TRACKING CHECK | |
|---|---|
| Adjust for a maximum reading on level meter. | |
| <confirmation> | <confirmation> |
| 87.5 MHz | 108 MHz |

| AM IF ADJUSTMENT |
|---|
| Adjust for a maximum reading on level meter. |
| T2 |
| 450 kHz |

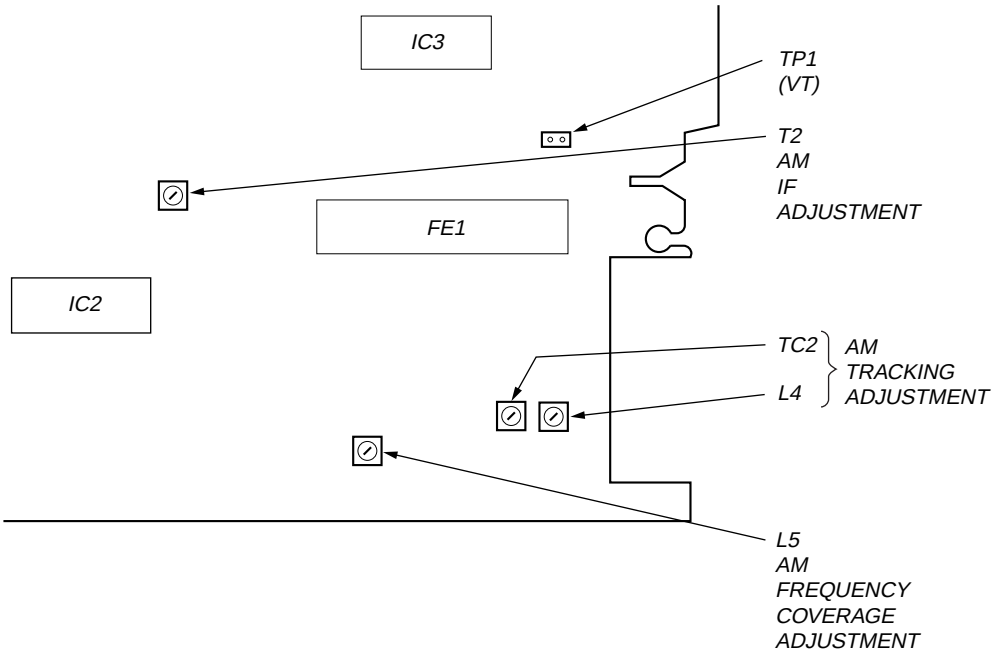
| AM FREQUENCY COVERAGE ADJUSTMENT | | |
|---|---|---|
| Frequency Display | 530 kHz | 1,710 kHz |
| Reading on Digital voltmeter | 1.2 ± 0.1 V | 7.5 ± 0.2 V |
| Adjustment Part | L5 | <confirmation> |

| AM TRACKING ADJUSTMENT | |
|---|---|
| Adjust for a maximum reading on level meter. | |
| L4 | TC2 |
| 620 kHz | 1,400 kHz |

**Adjustment Location:** See page 14.

**Adjustment Location:** main board

*– main board (component side) –*




## CD SECTION

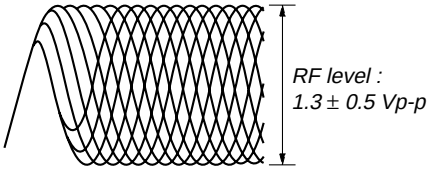
CD section adjustments are done automatically in this set.
In case of operation check, confirm that focus bias.

### FOCUS BIAS CHECK

1. Connect the oscilloscope between IC701 pin ㉝ (TP RFO) and GND on Main board.
2. Insert the disc (YEDS-18). (Part No. : 3-702-101-01)
3. Press the ▶II button.
4. Confirm that the oscilloscope waveform is as shown in the figure below. (eye pattern)
   A good eye pattern means that the diamond shape (◇) in the center of the waveform can be clearly distinguished.

• RF signal reference waveform (eye pattern)

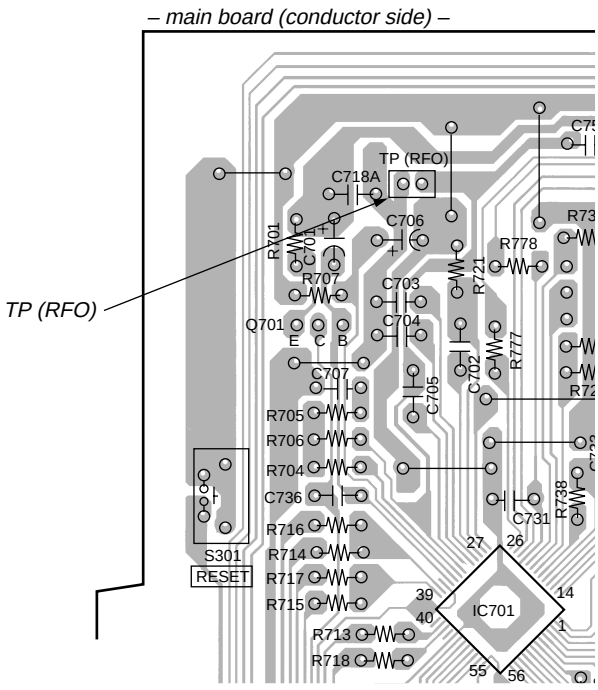
*VOLT/DIV : 200 mV (10 : 1 probe in use)*
*TIME/DIV : 500 nS*




When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

**Test Point:**

*– main board (conductor side) –*



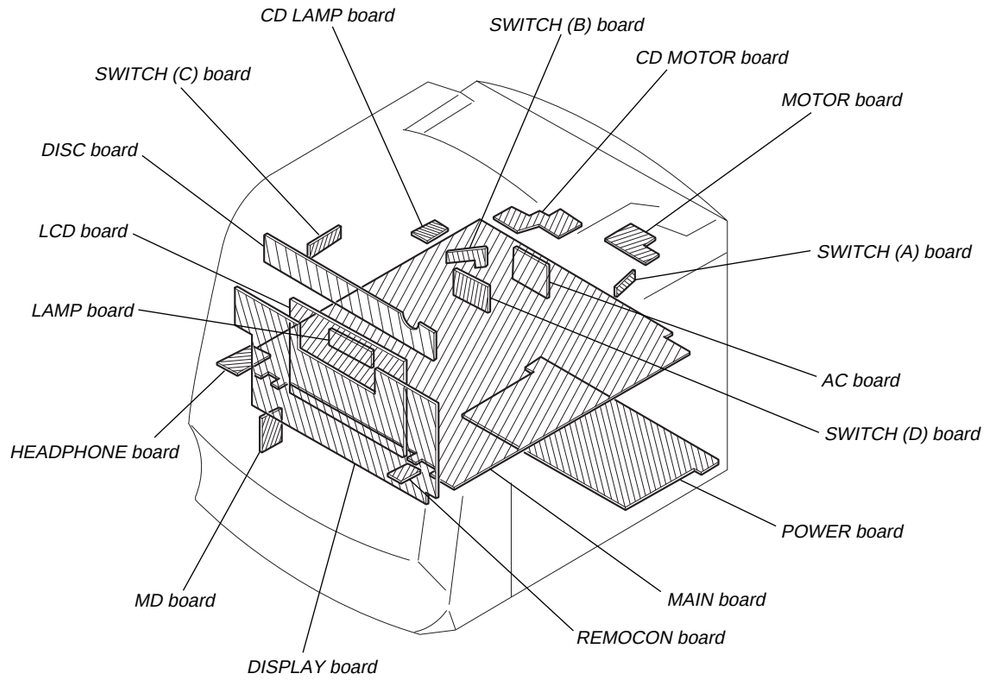
# SECTION 5
# DIAGRAMS

## 5-1. IC PIN DESCRIPTION

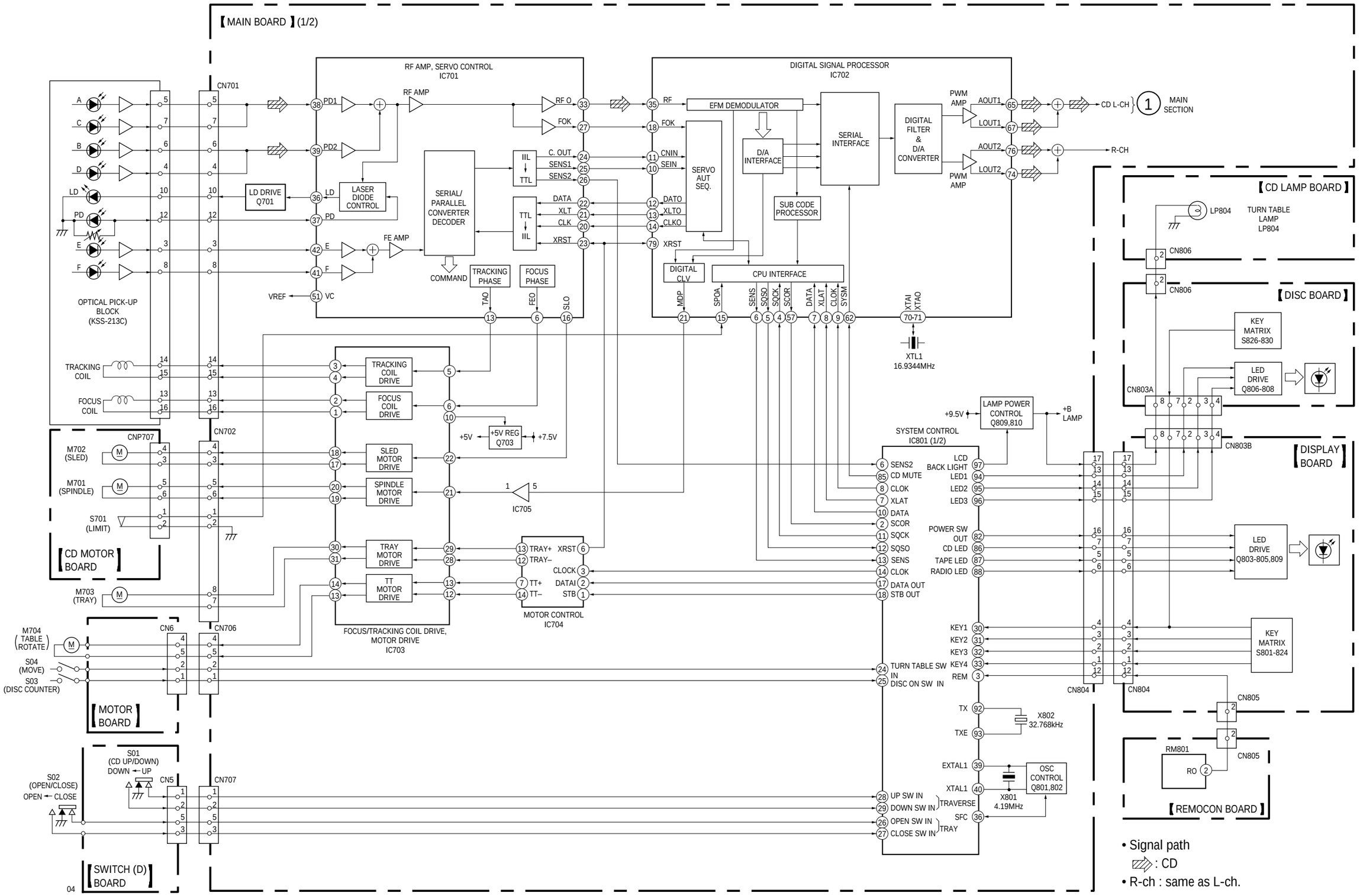
**• IC801 CXP83232A-013Q (SYSTEM CONTROL)**

| Pin No. | Pin Name | I/O | Pin Description |
|---|---|---|---|
| 1 | AC CHK | I | AC power detect (L: AC power on) |
| 2 | SCOR | I | CD SCOR input |
| 3 | RMC | I | Sircs receiver input |
| 4 | SCL | O | Volume serial chip enable output |
| 5 | NC | — | Not used |
| 6 | SENS2 | I | CD SENSE2 input |
| 7 | XLAT | O | CD serial latch output |
| 8 | CLOK | O | CD serial clock output |
| 9 | NC | — | Not used |
| 10 | DATA | O | CD serial data output |
| 11 | SQCK | O | CD Sub-Q read clock output |
| 12 | SQSO | I | CD Sub-Q data input |
| 13 | SENS | I | CD SENSE1 input |
| 14 | CLOK | O | CD motor clock output |
| 15 | CE OUT | O | Tuner PLL chip enable output |
| 16 | DO IN | I | Tuner PLL data input |
| 17 | DATA OUT | O | CD motor data output |
| 18 | STB OUT | O | CD motor standby signal output |
| 19 | NC | — | Not used |
| 20 | REC BEAT CONTROL | O | ISS control signal output (H: 1, L: 2) |
| 21 | MEGA BASS | O | Mega bass control signal output (L: Mega bass on) |
| 22 | SDA | O | Volume serial data output |
| 23 | LED VDD | O | LED power control signal output (L: LED power on) |
| 24 | TURN TABLE SW IN | I | Turn table switch input |
| 25 | DISC NO. SW IN | I | Disc No. switch input |
| 26 | TRAY OPEN SW IN | I | CD tray open switch input |
| 27 | TRAY CLOSE SW IN | I | CD tray close switch input |
| 28 | TRAVERSE UP SW IN | I | CD mechanism up switch input |
| 29 | TRAVERSE DOWN SW IN | I | CD mechanism down switch input |
| 30 – 33 | KEY1 – 4 | I | key input |
| 34 | REC | I | Tape record signal input |
| 35 | MODE SW | O | Mode set pin |
| 36 | SFC | O | Shift clock on/off output |
| 37 | FM STEREO IN | I | Tuner stereo signal input |
| 38 | RESET | I | System reset input (L: Reset) |
| 39 | EXTAL1 | I | Oscillation input (4.19 MHz) |
| 40 | XTAL1 | O | Oscillation output (4.19 MHz) |
| 41 | VSS | — | GND |
| 42 | NC | — | Not used |
| 43 | VSS | — | GND |
| 44 | AVREF | — | Reference voltage input |
| 45 | AVSS | — | GND |
| 46 | VL | — | LCD drive bias VDD |
| 47 – 49 | VLC3 – 1 | I | LCD drive bias 3 – 1 |
| 50 – 53 | COM0 – 3 | O | LCD drive common output |
| 54 – 80 | SEG0 – 26 | O | LCD drive segment output |
| 81 | NC | — | Not used |
| 82 | POWER SW OUT | O | Power AMP control signal output (H: Power amp on) |
| 83 | SYSTEM MUTE | O | Audio signal mute output (H: Mute) |
| 84 | TUNER MUTE | O | Tuner signal mute output (H: Mute) |
| 85 | CD MUTE | O | CD signal mute output (H: Mute) |
| 86 | CD LED | O | LED (CD) drive signal/CD function signal output (H: CD) |
| 87 | TAPE LED | O | LED (TAPE) drive signal output (H: LED on) |
| 88 | RADIO LED | O | LED (RADIO) drive signal/Radio function signal output (H: Radio) |
| 89 | VDD | — | Power supply pin (+5 V) |
| 90 | VDD NC | — | Power supply pin (+5 V) |
| 91 | VSS | — | GND |
| 92 | TX | O | Oscillation output (32.768 kHz) |
| 93 | TEX | I | Oscillation input (32.768 kHz) |
| 94 – 96 | LED1 – 3 | O | LED (DISC1 – 3) drive signal output (H: LED on) |
| 97 | LCD BACK LIGHT | O | LCD back light control signal output (H: Lamp on) |
| 98 | MOTOR CONT OUT | O | Motor control signal output (H: Motor on) |
| 99 | TC A | I | Tape play switch input (L: Deck A on) |
| 100 | TC B | I | Tape play switch input (L: Deck B on) |

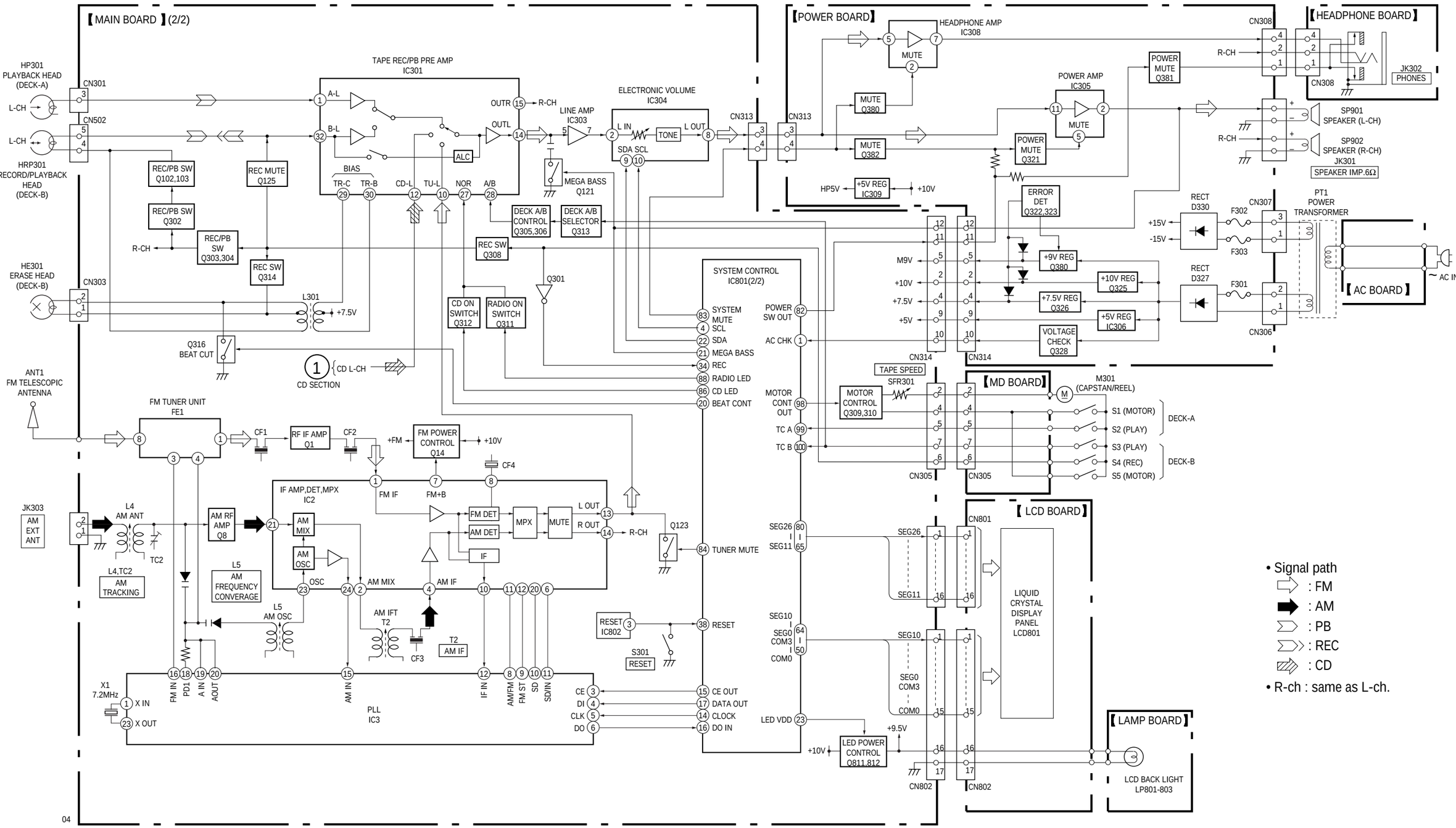
## 5-2. CIRCUIT BOARDS LOCATION



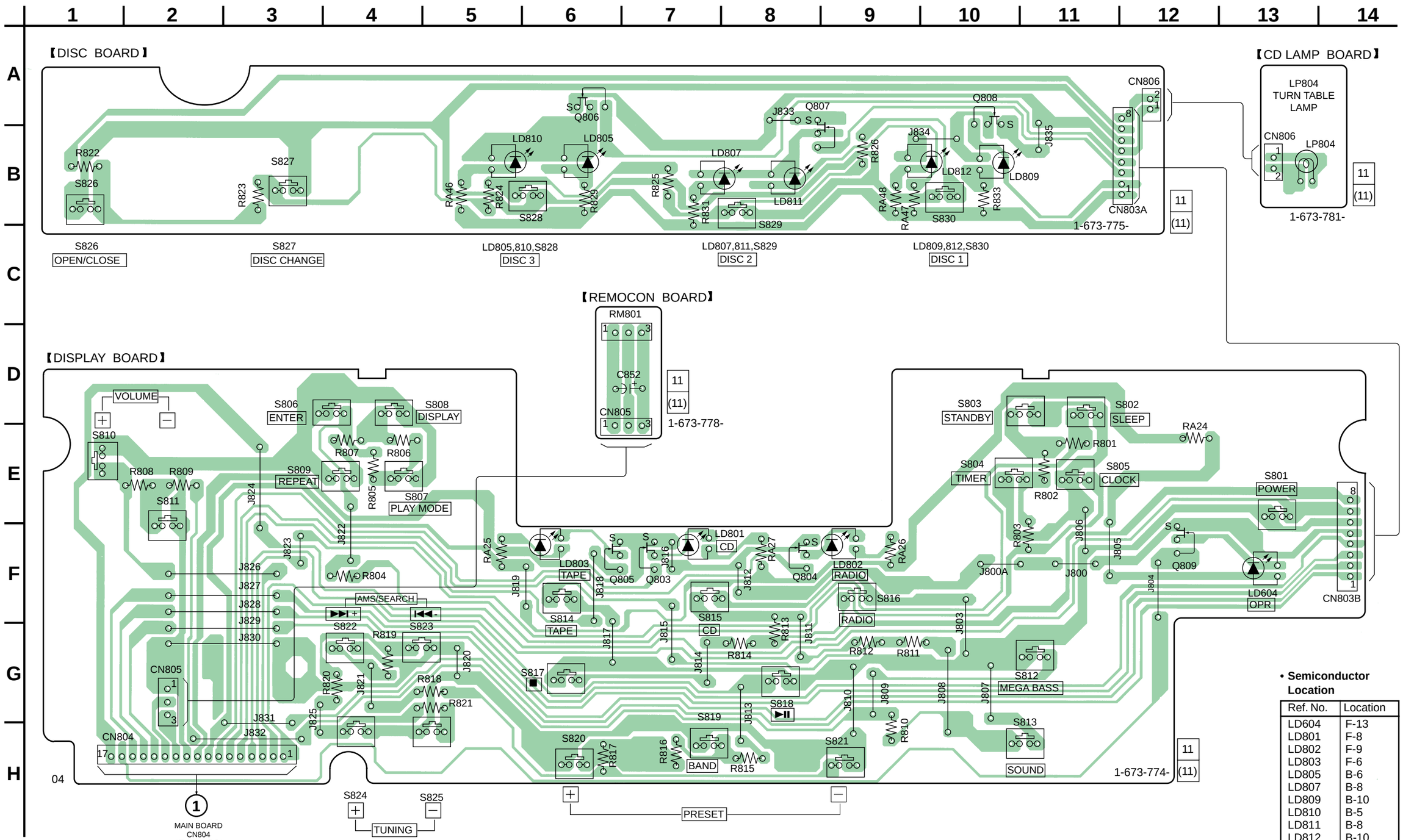
## 5-3. BLOCK DIAGRAM — CD SECTION —



## 5-4. BLOCK DIAGRAM — MAIN SECTION —



**5-5. PRINTED WIRING BOARDS — KEY SECTION — • Refer to page 16 for Circuit Boards Location.**

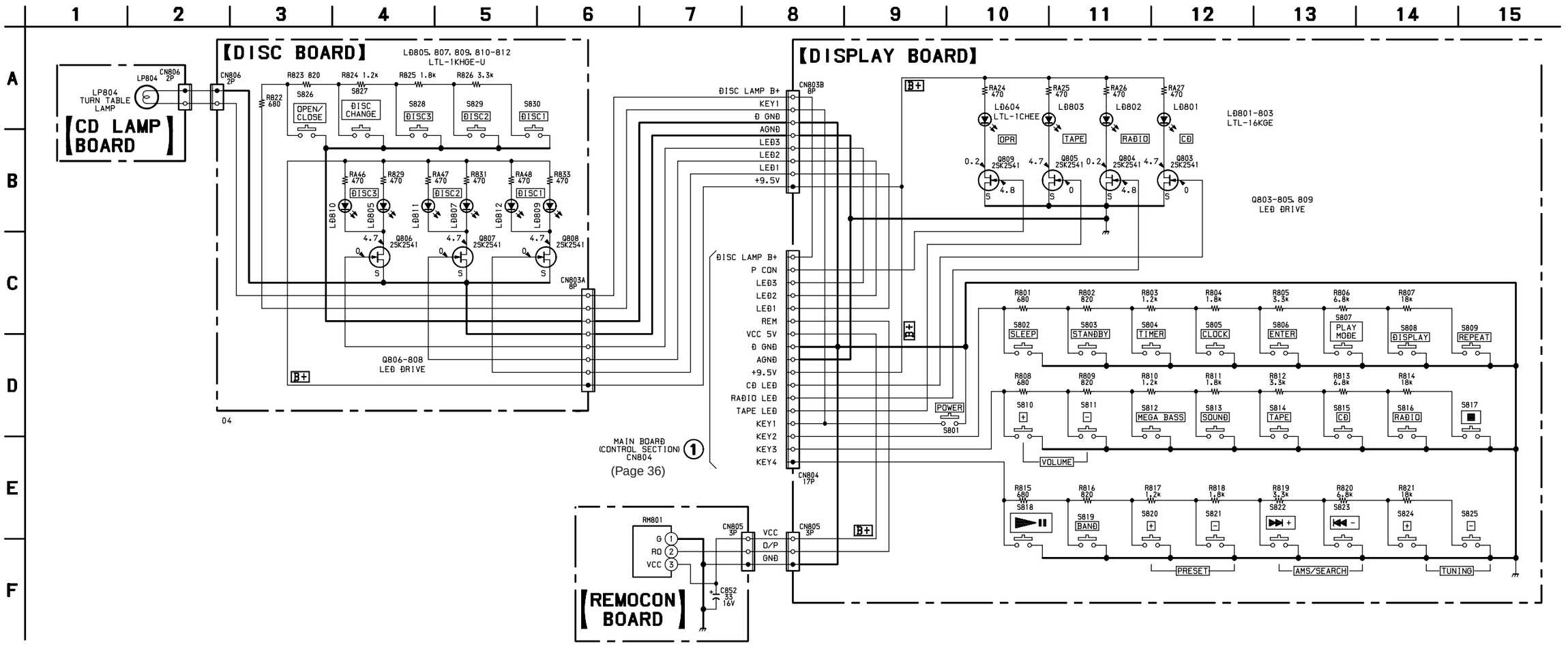



• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| LD604 | F-13 |
| LD801 | F-8 |
| LD802 | F-9 |
| LD803 | F-6 |
| LD805 | B-6 |
| LD807 | B-8 |
| LD809 | B-10 |
| LD810 | B-5 |
| LD811 | B-8 |
| LD812 | B-10 |
| Q803 | F-7 |
| Q804 | F-8 |
| Q805 | F-7 |
| Q806 | A-6 |
| Q807 | B-9 |
| Q808 | A-10 |
| Q809 | F-12 |

**Note:**
- ○——: parts extracted from the component side.
- ▬: Pattern from the side which enables seeing.

## 5-6. SCHEMATIC DIAGRAM — KEY SECTION —

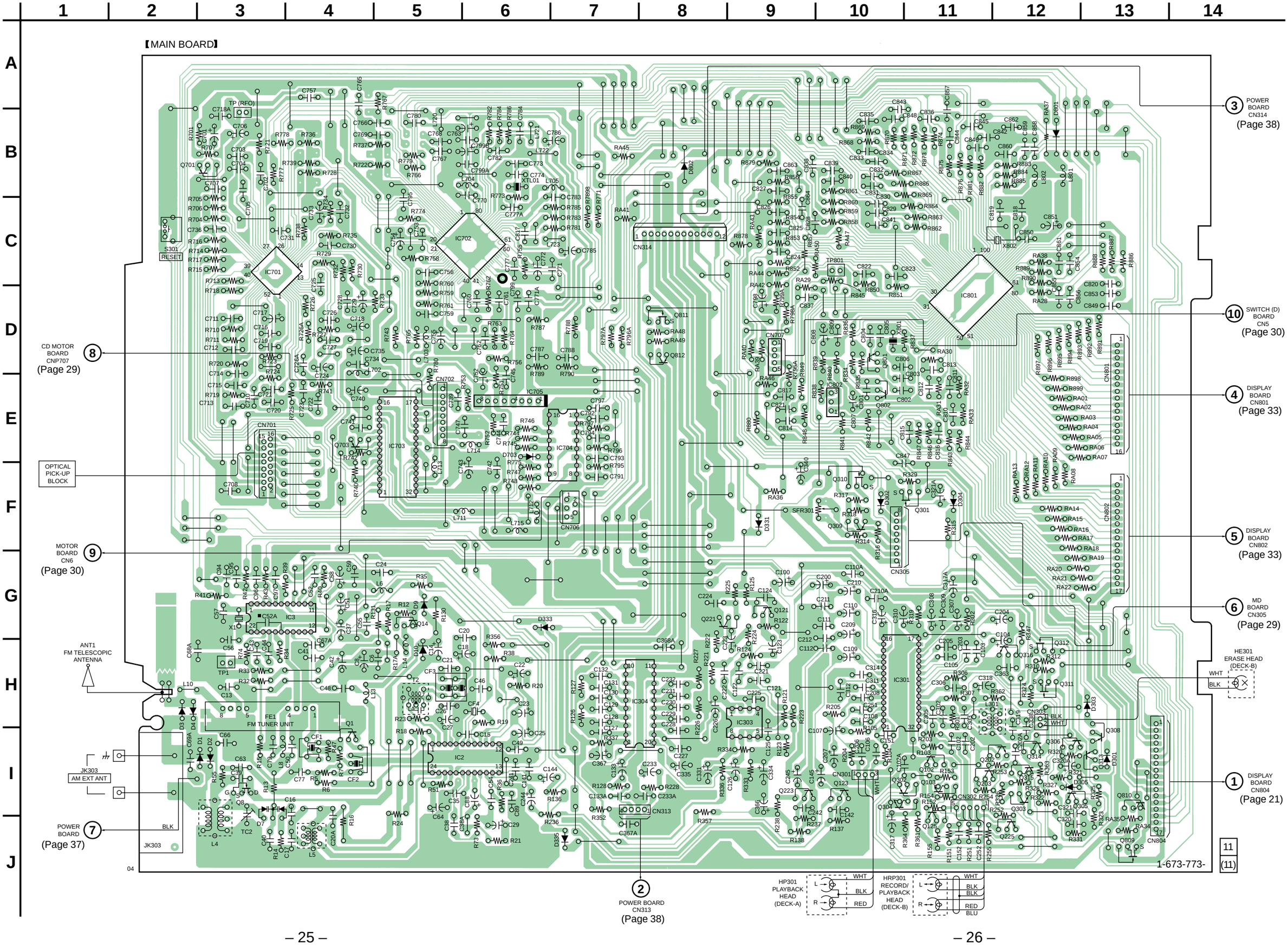



**Note:**

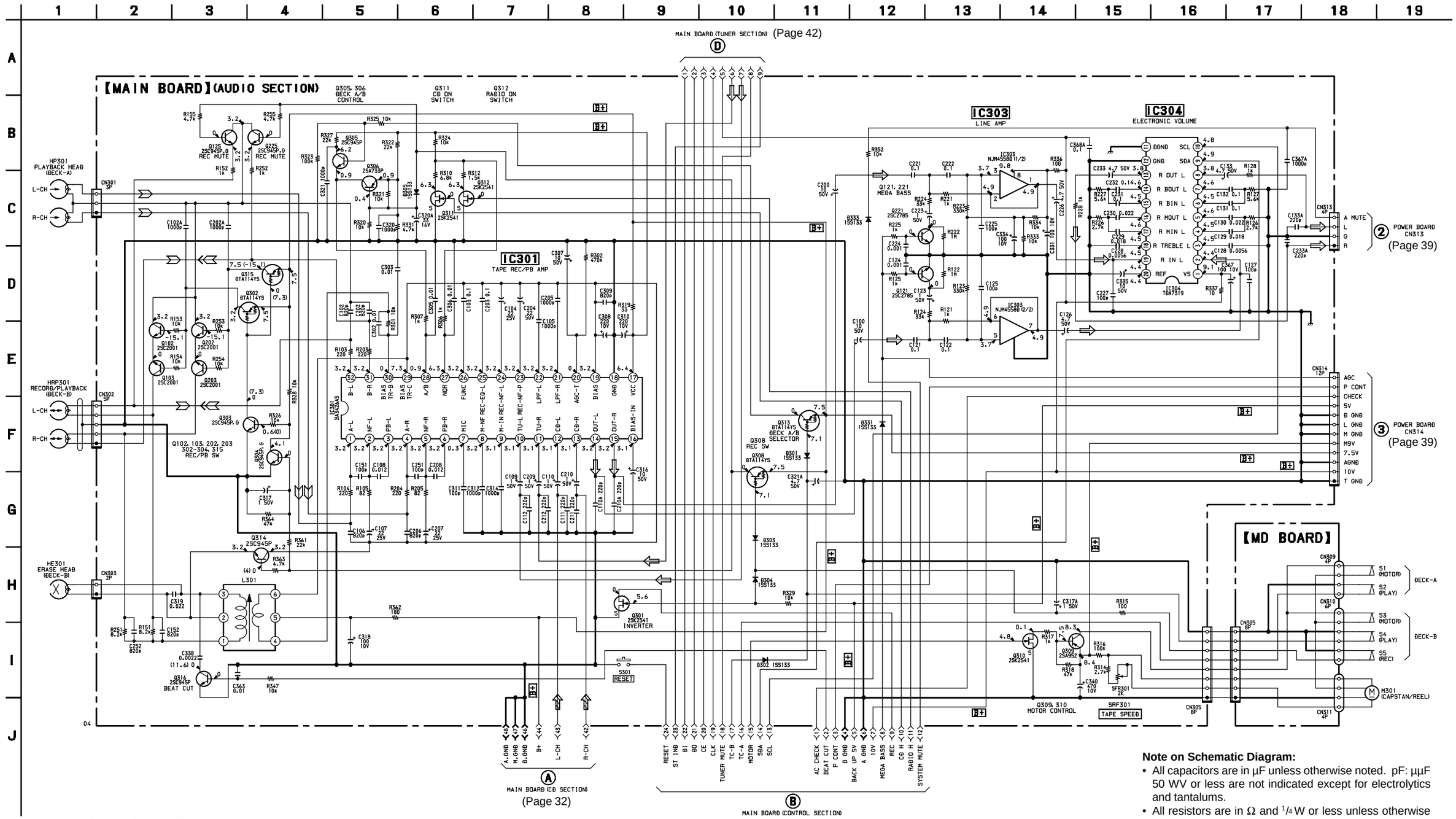
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- B + : B+ Line.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.

## 5-7. PRINTED WIRING BOARD — AUDIO SECTION — • Refer to page 16 for Circuit Boards Location.

【MAIN BOARD】


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
3 POWER BOARD CN314 (Page 38)
10 SWITCH (D) BOARD CN5 (Page 30)
4 DISPLAY BOARD CN801 (Page 33)
5 DISPLAY BOARD CN802 (Page 33)
6 MD BOARD CN305 (Page 29)
1 DISPLAY BOARD CN804 (Page 21)
8 CD MOTOR BOARD CNP707 (Page 29)
OPTICAL PICK-UP BLOCK
9 MOTOR BOARD CN6 (Page 30)
ANT1 FM TELESCOPIC ANTENNA
JK303 AM EXT ANT
7 POWER BOARD (Page 37)
2 POWER BOARD CN313 (Page 38)
HE301 ERASE HEAD (DECK-B)
HP301 PLAYBACK HEAD (DECK-A)
HRP301 RECORD/ PLAYBACK HEAD (DECK-B)
IC701
IC702
IC703
IC704
IC705
IC801
IC301
IC303
IC304
IC2
IC3
FE1 FM TUNER UNIT
CN314
CN707
CN706
CN305
CN804
CN801
CN802
CN301
CN313
S301 RESET
TP (RFO)
TP1
TP801
X801
X802
SFR301
Q301
Q811
Q812
Q310
Q309
Q802
Q303
Q304
Q305
Q306
Q307
Q308
Q809
Q810
D801
D802
D331
D333
D335
D703
D704
D705
D706
D707
D708
D709
D710
D711
D712
D713
D714
D715
D716
D717
D718
D719
D720
D721
D722
D723
D724
D725
D726
D727
D728
D729
D730
D731
D732
D733
D734
D735
D736
D737
D738
D739
D740
D741
D742

## 5-8. SCHEMATIC DIAGRAM — AUDIO SECTION — • Refer to page 44 for IC Block Diagrams. • Refer to page 29 for MD Printed Wiring Board.




• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|---|---|---|---|---|---|
| D1 | I-3 | D335 | J-7 | IC705 | E-6 | Q221 | G-8 | Q313 | I-13 |
| D2 | I-3 | D703 | E-6 | IC801 | D-11 | Q223 | I-9 | Q314 | I-12 |
| D3 | H-2 | D801 | B-12 | IC802 | E-10 | Q225 | J-12 | Q315 | I-12 |
| D4 | H-2 | D802 | B-8 | | | Q301 | F-11 | Q316 | H-12 |
| D7 | I-3 | | | Q1 | I-4 | Q302 | I-10 | Q701 | B-3 |
| D9 | G-5 | IC2 | I-5 | Q8 | I-3 | Q303 | I-12 | Q703 | E-4 |
| D10 | H-5 | IC3 | G-3 | Q14 | G-5 | Q304 | I-10 | Q801 | D-10 |
| D301 | I-13 | IC301 | H-10 | Q102 | I-11 | Q305 | I-12 | Q802 | E-10 |
| D302 | F-10 | IC303 | H-9 | Q103 | I-11 | Q306 | I-12 | Q809 | J-13 |
| D303 | H-13 | IC304 | H-7 | Q121 | G-9 | Q308 | I-13 | Q810 | I-13 |
| D304 | F-11 | IC701 | C-3 | Q123 | I-10 | Q309 | F-10 | Q811 | D-8 |
| D305 | I-13 | IC702 | C-6 | Q125 | J-11 | Q310 | F-10 | Q812 | D-8 |
| D331 | F-9 | IC703 | E-5 | Q202 | I-12 | Q311 | H-12 | | |
| D333 | G-6 | IC704 | E-7 | Q203 | I-11 | Q312 | H-12 | | |

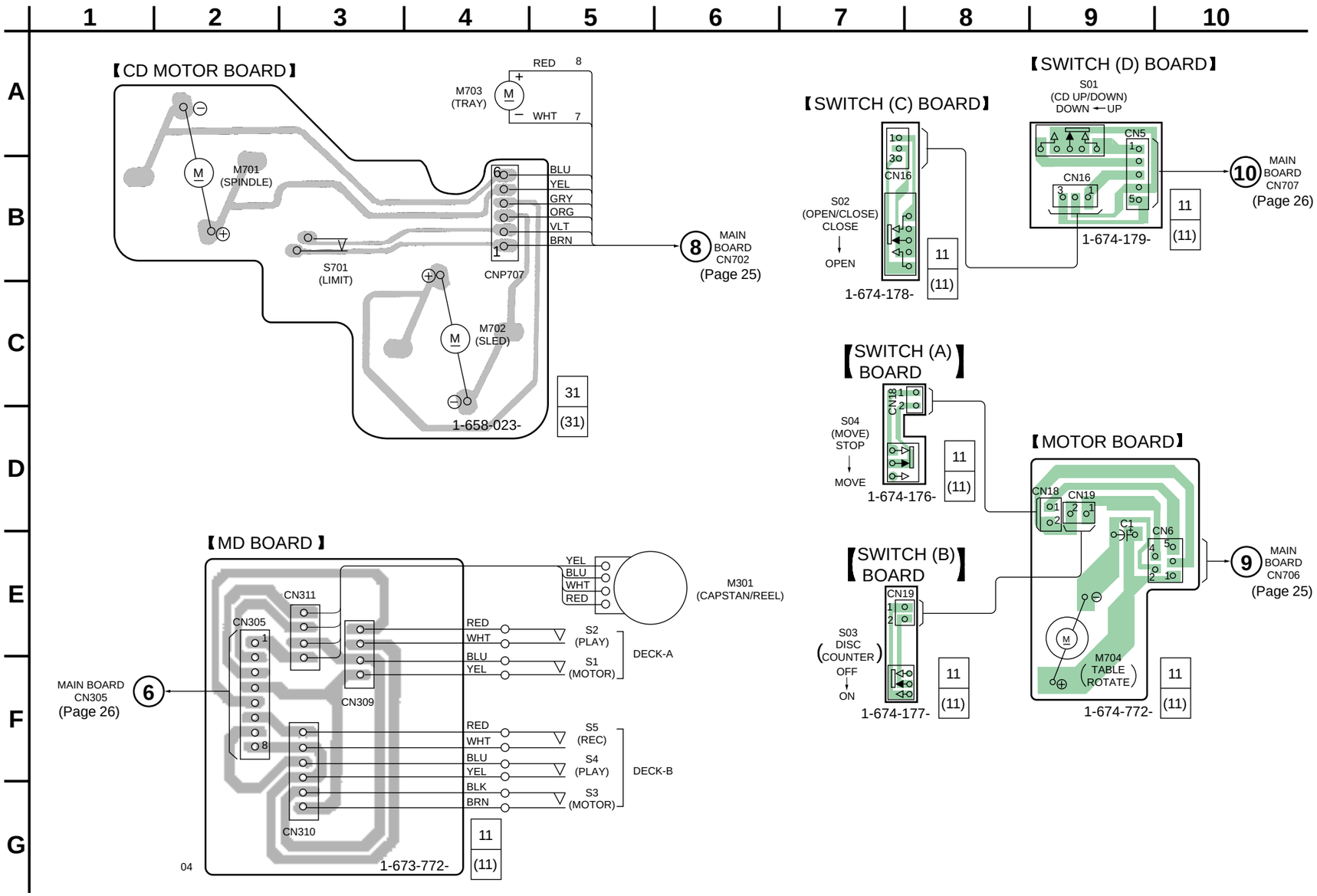
**Note on Printed Wiring Board:**

- ○——— : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

**Note on Schematic Diagram:**

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : PB
  ( ) : REC
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇒ : PB
  ⇛ : REC
  ⇨ : CD

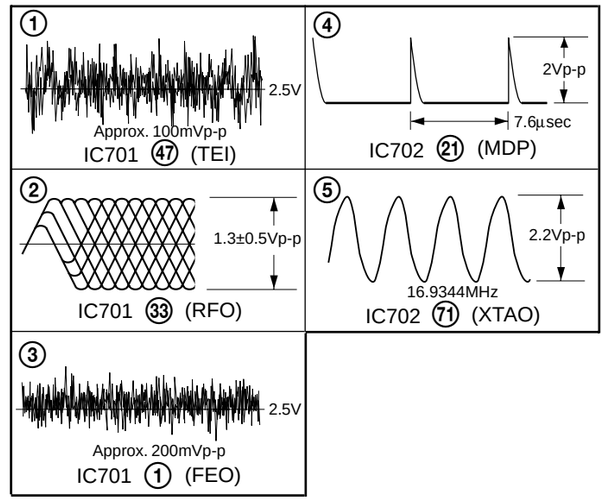
**5-9. PRINTED WIRING BOARDS — CD SECTION — • Refer to page 16 for Circuit Boards Location.**




**Note on Printed Wiring Boards:**

- ○——— : parts extracted from the component side.
- ▬ : Pattern from the side which enables seeing.

- **Waveforms** (MODE:PLAY)



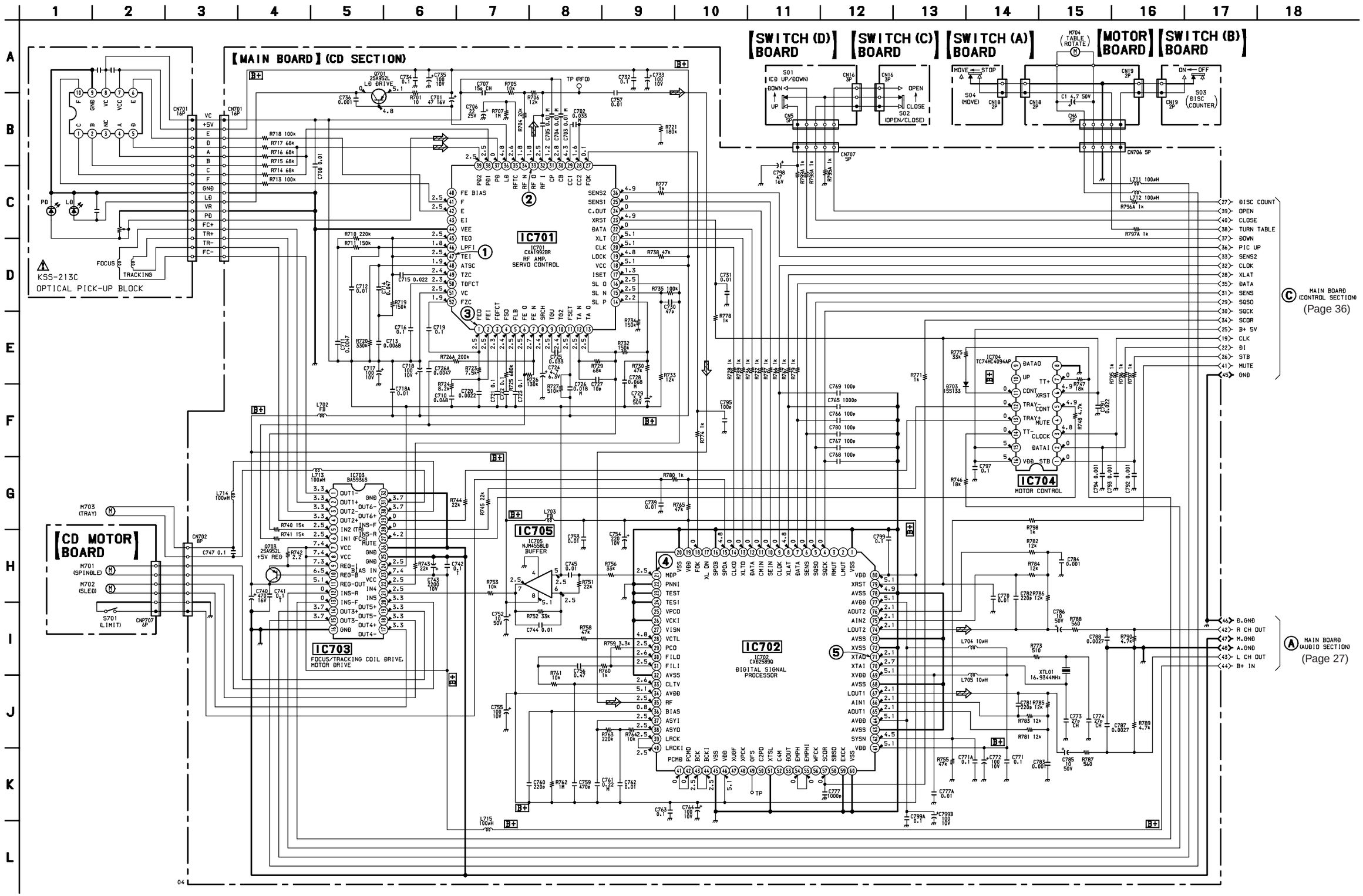

**Note on Schematic Diagram:**

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.

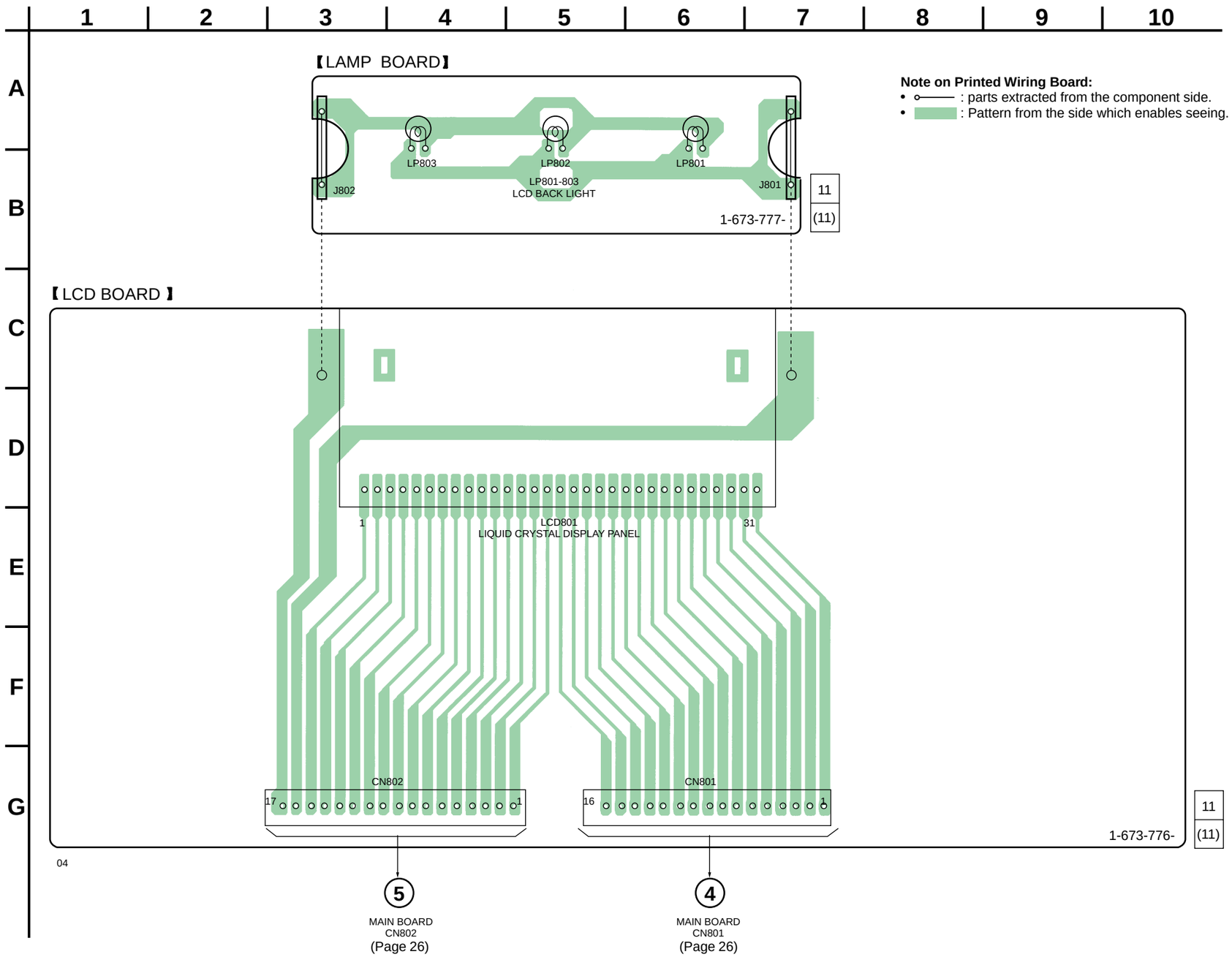
| **Note:** | **Note:** |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. |

- B+ : B+ Line.
- Voltage is dc with respect to ground under no-signal condition.
  no mark : CD STOP
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : CD

5-10. SCHEMATIC DIAGRAM — CD SECTION — • Refer to page 44 for IC Block Diagrams. • Refer to page 25 for MAIN Printed Wiring Board.



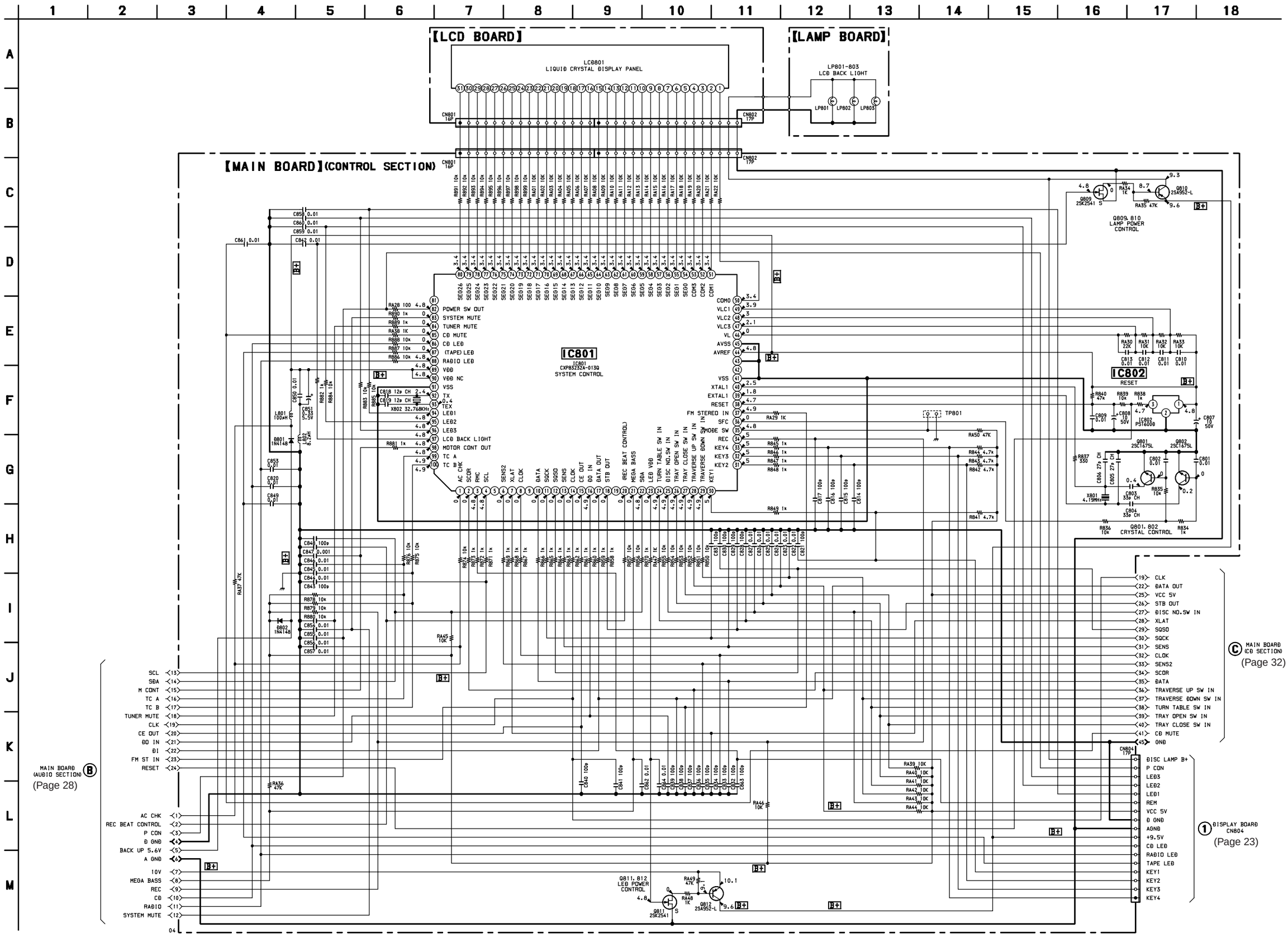
## 5-11. PRINTED WIRING BOARDS — CONTROL SECTION — • Refer to page 16 for Circuit Boards Location.



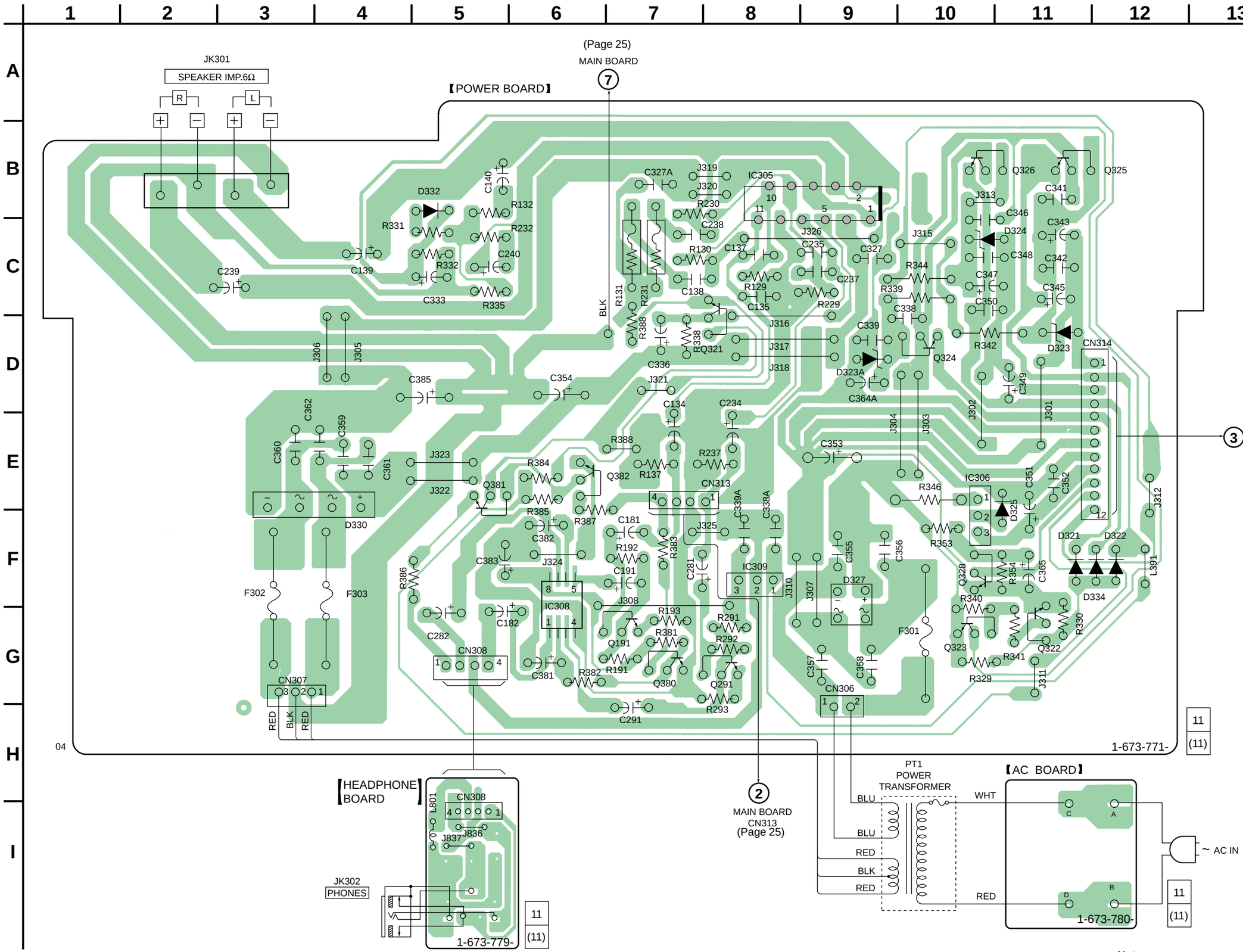

**Note on Printed Wiring Board:**
- ○——○ : parts extracted from the component side.
- ▭ : Pattern from the side which enables seeing.

**Note on Schematic Diagram:**
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- B + : B+ Line.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.

5-12. SCHEMATIC DIAGRAM — CONTROL SECTION — • Refer to page 25 for MAIN Printed Wiring Board.



**5-13. PRINTED WIRING BOARDS — POWER SUPPLY SECTION — • Refer to page 16 for Circuit Boards Location.**

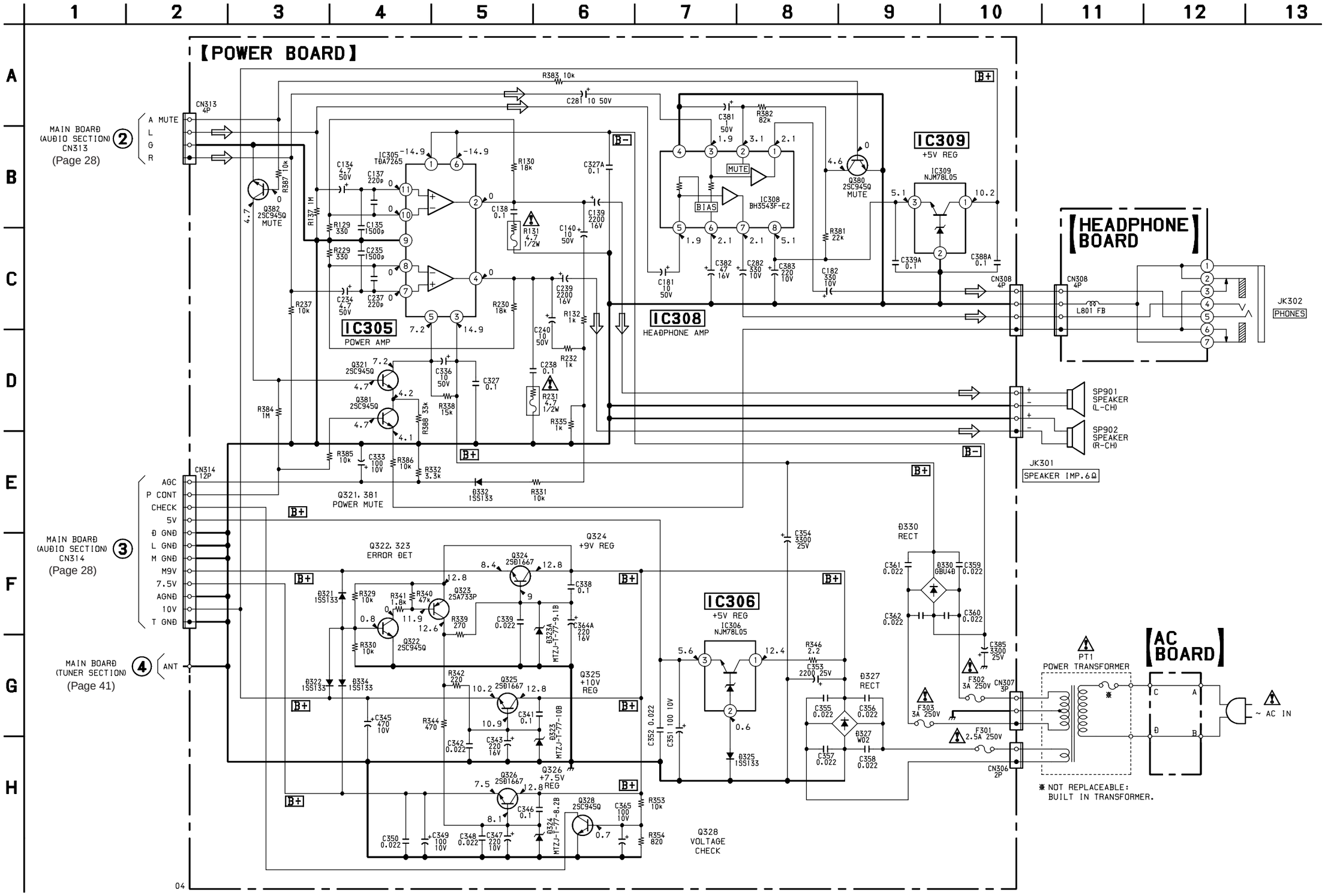



• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D321 | F-11 |
| D322 | F-12 |
| D323 | D-11 |
| D323A | D-9 |
| D324 | C-10 |
| D325 | E-11 |
| D327 | F-9 |
| D330 | E-4 |
| D332 | B-5 |
| D334 | F-12 |
| | |
| IC305 | B-8 |
| IC306 | E-10 |
| IC308 | F-6 |
| IC309 | F-8 |
| | |
| Q321 | D-8 |
| Q322 | G-11 |
| Q323 | G-10 |
| Q324 | D-10 |
| Q325 | B-11 |
| Q326 | B-10 |
| Q328 | F-10 |
| Q380 | G-7 |
| Q381 | E-5 |
| Q382 | E-6 |

**Note:**
- ○——: parts extracted from the component side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

## 5-14. SCHEMATIC DIAGRAM — POWER SUPPLY SECTION —



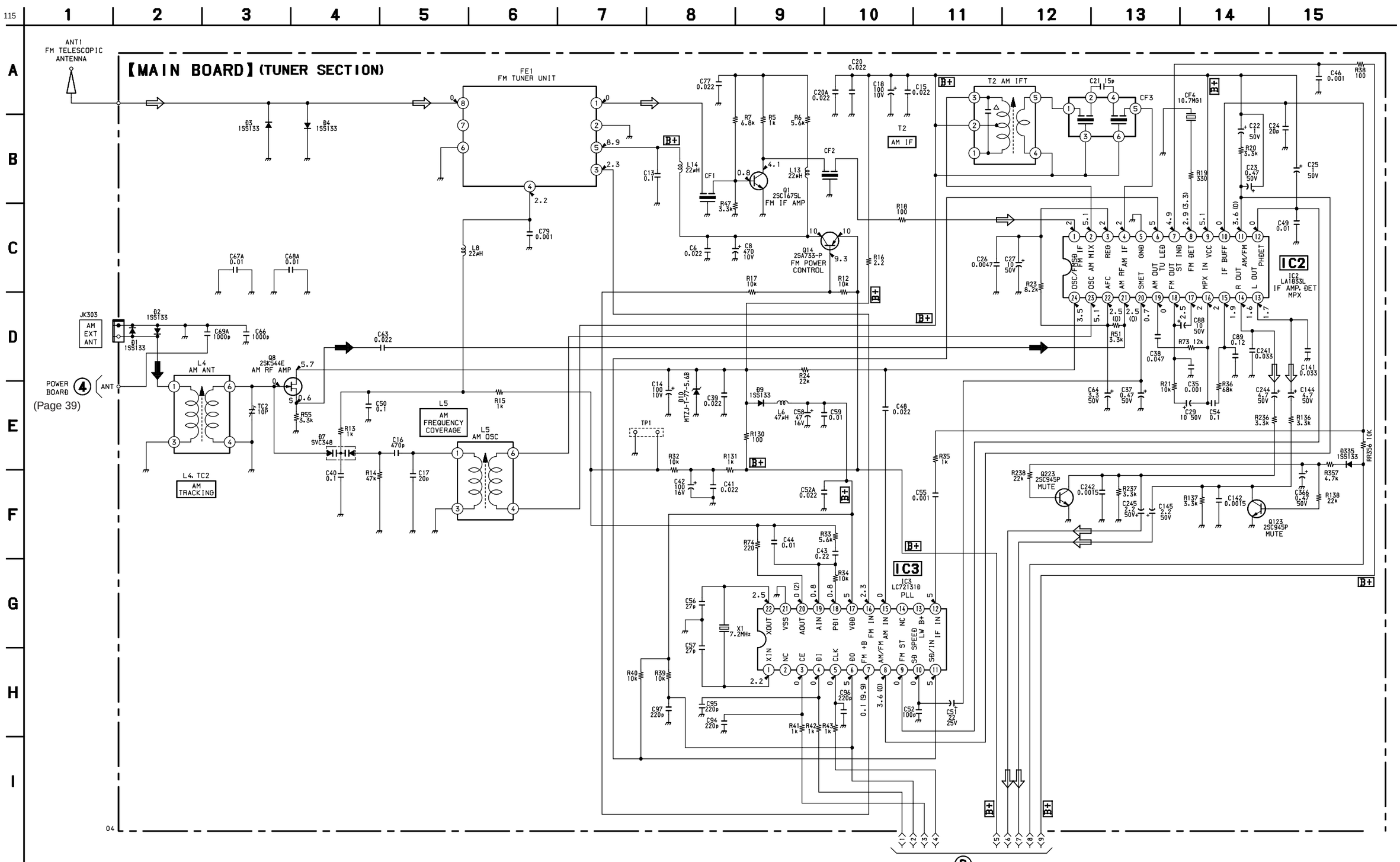

**Note:**

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

| **Note:** | **Note:** |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. |

- B+ : B+ Line.
- B– : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM

## 5-15. SCHEMATIC DIAGRAM — TUNER SECTION — • Refer to page 43 for IC Block Diagrams. • Refer to page 25 for MAIN Printed Wiring Board.

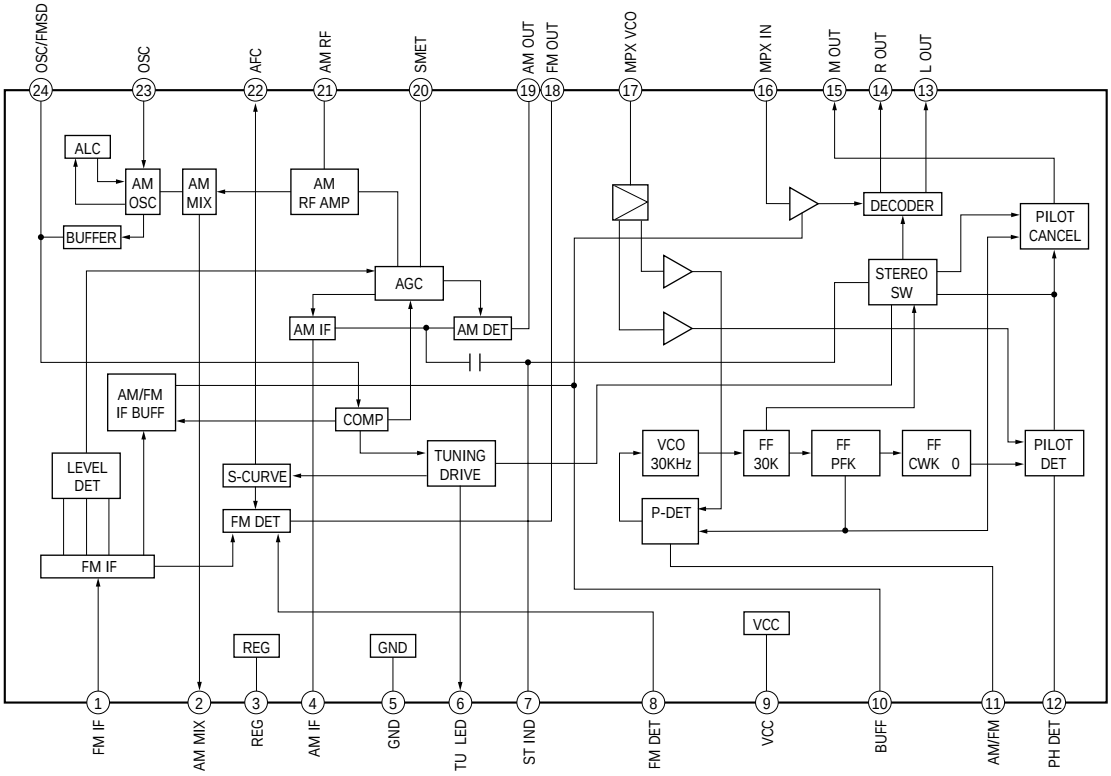



**Note:**

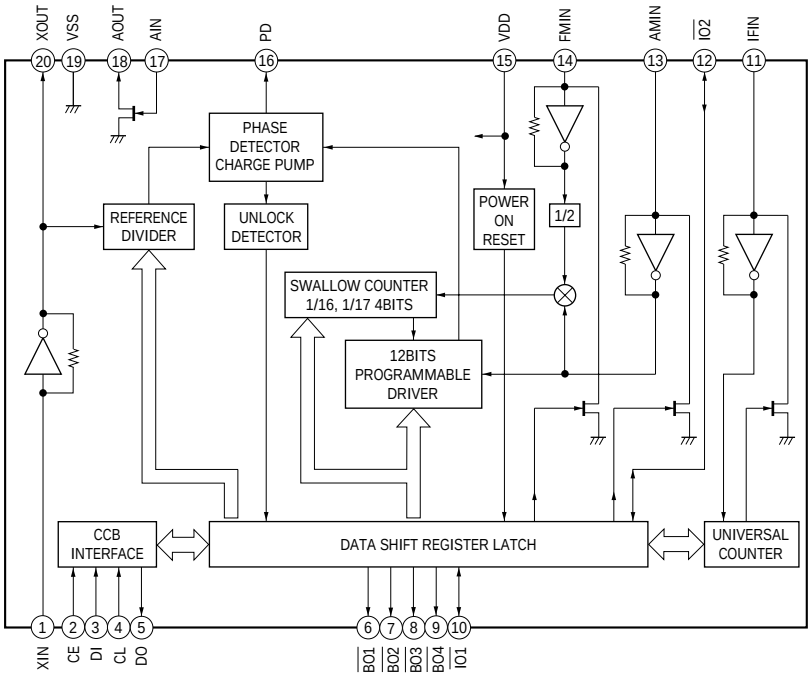
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ➡ : AM

• **IC Block Diagrams**

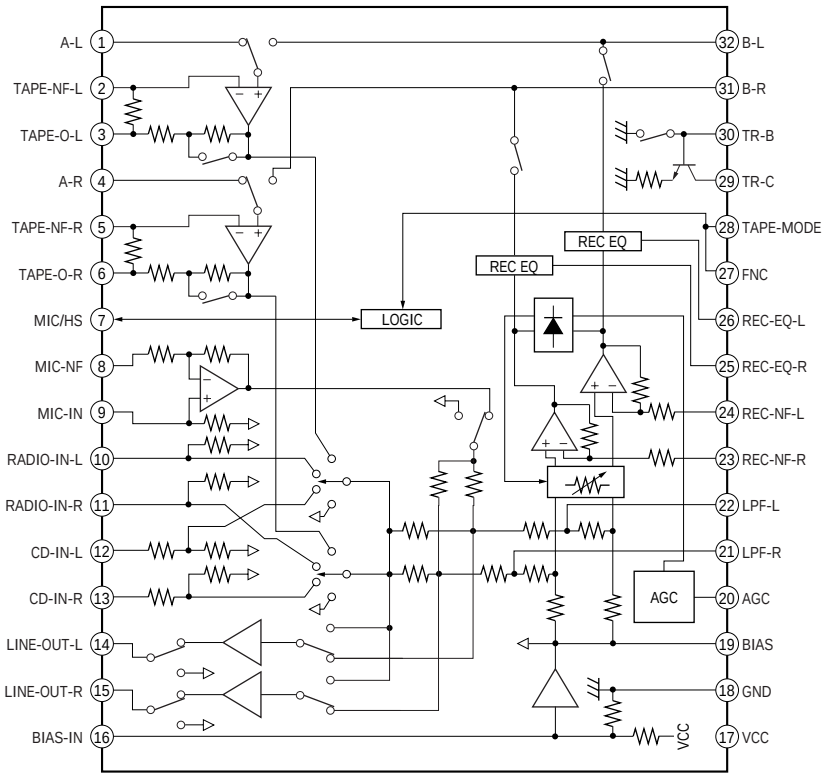
**IC2 LA1833L**



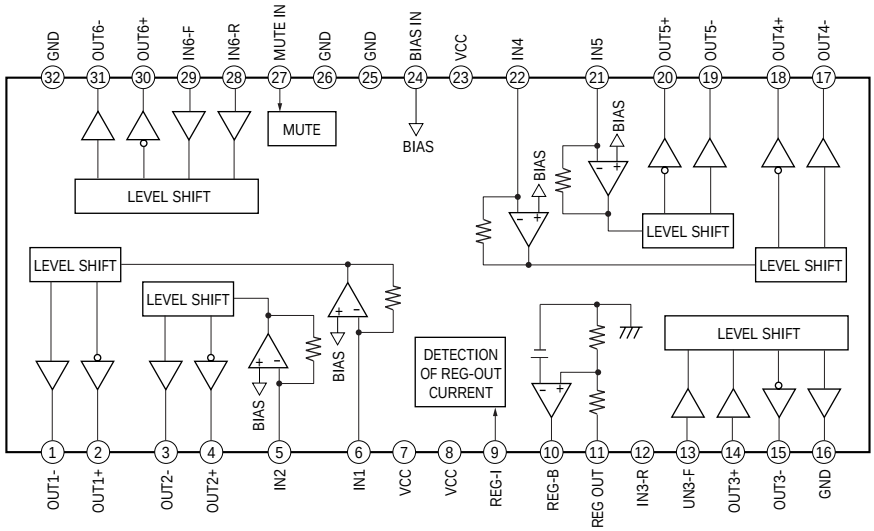

**IC3 LC72131D**



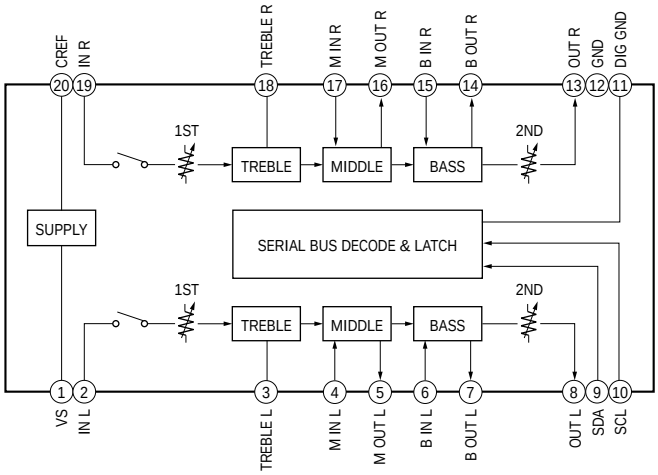
**IC301 BA3426AS**



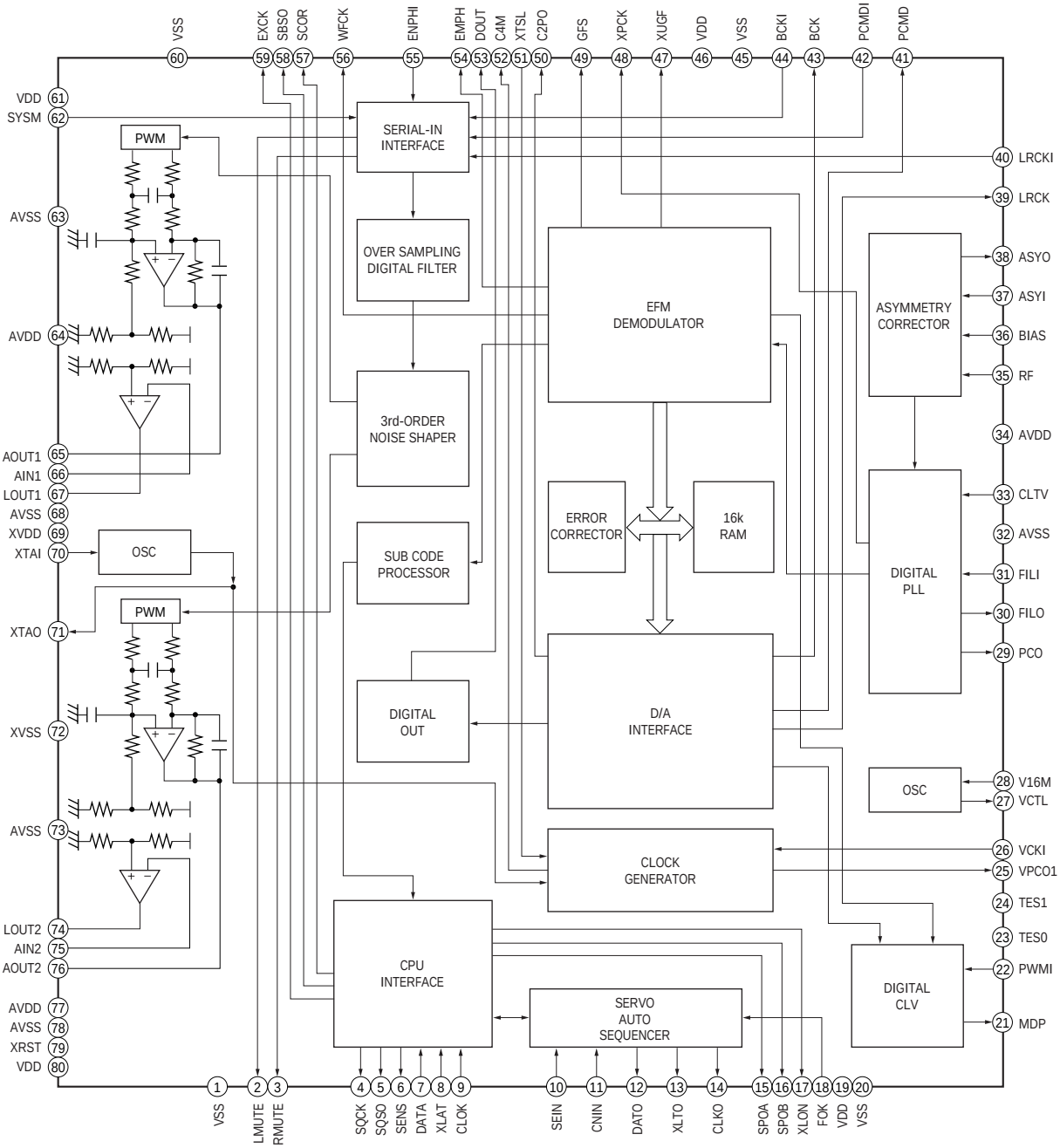

**IC703 BA5936S**



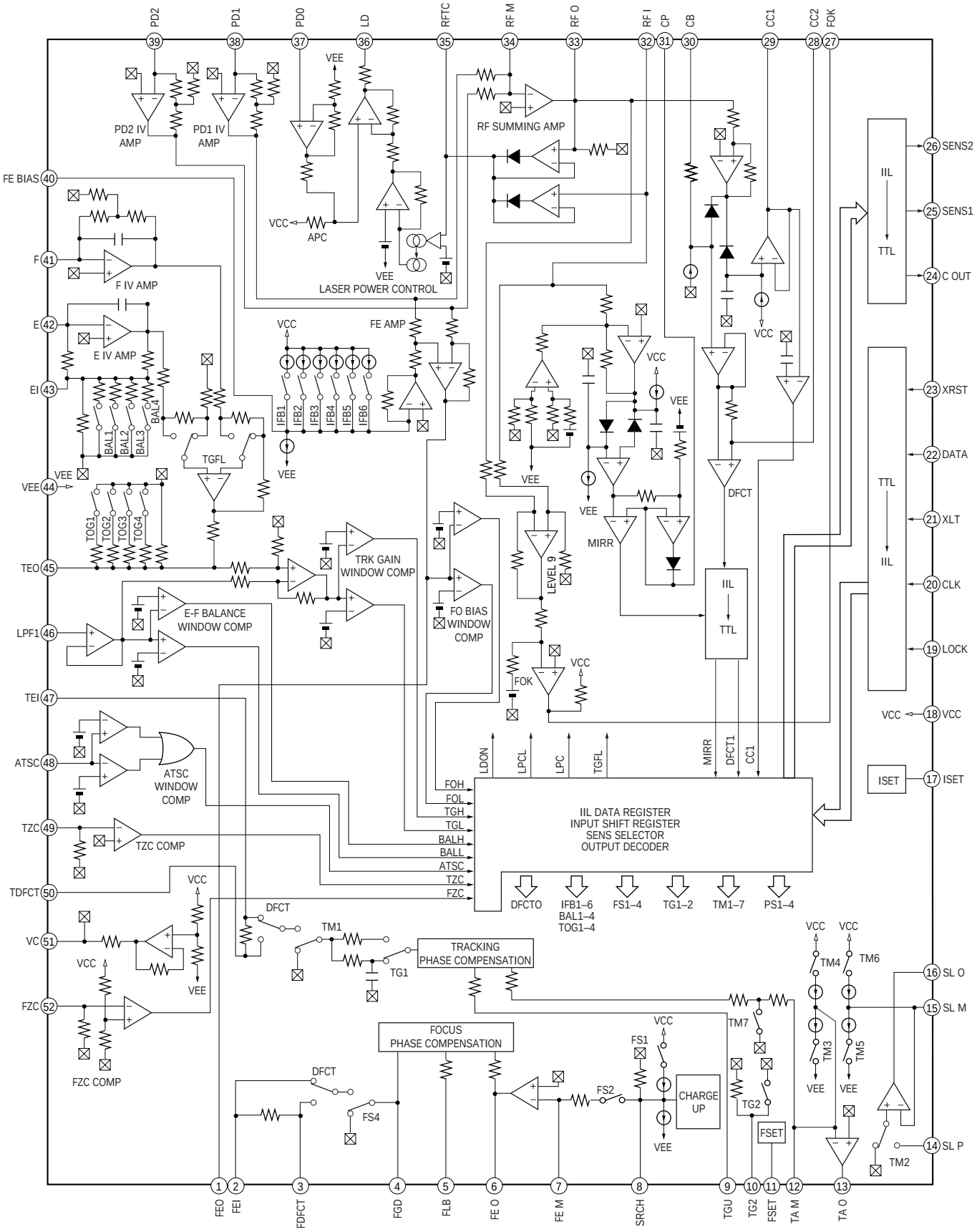
**IC304 TDA7319**



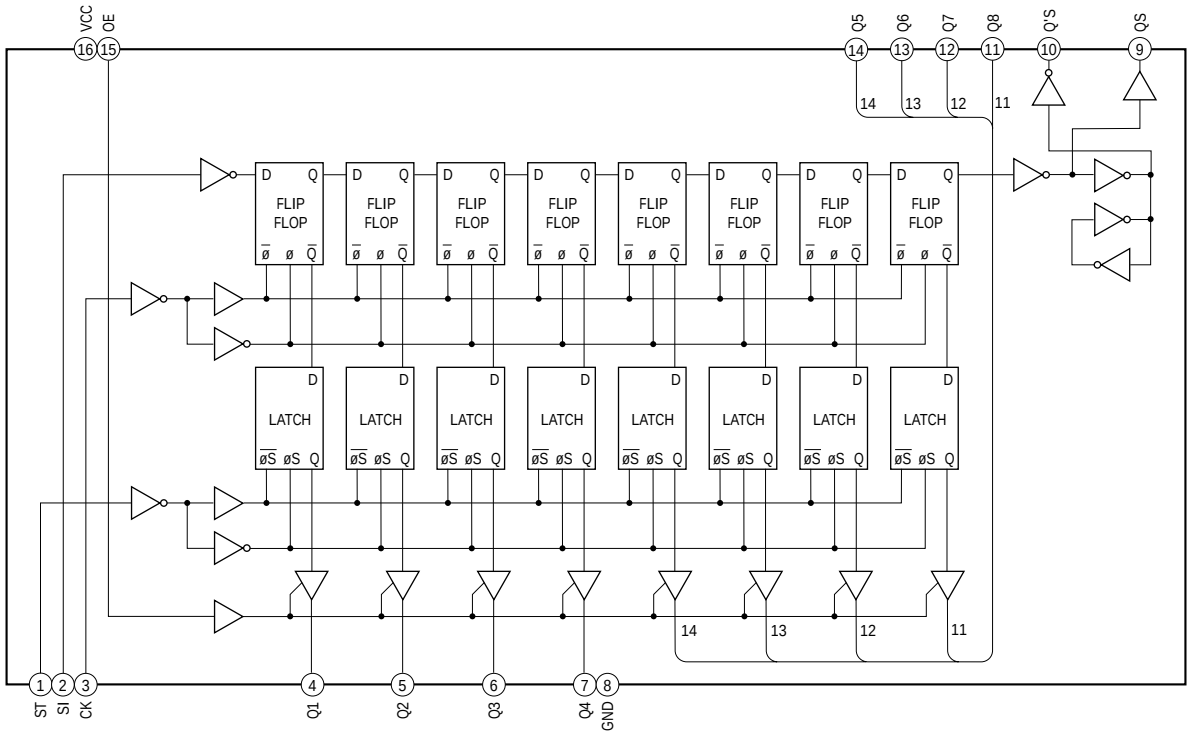

**IC702 CXD2589Q**



**IC701 CXA1992BR**



**IC704 TC74HC4094AP**



# SECTION 6
# EXPLODED VIEWS

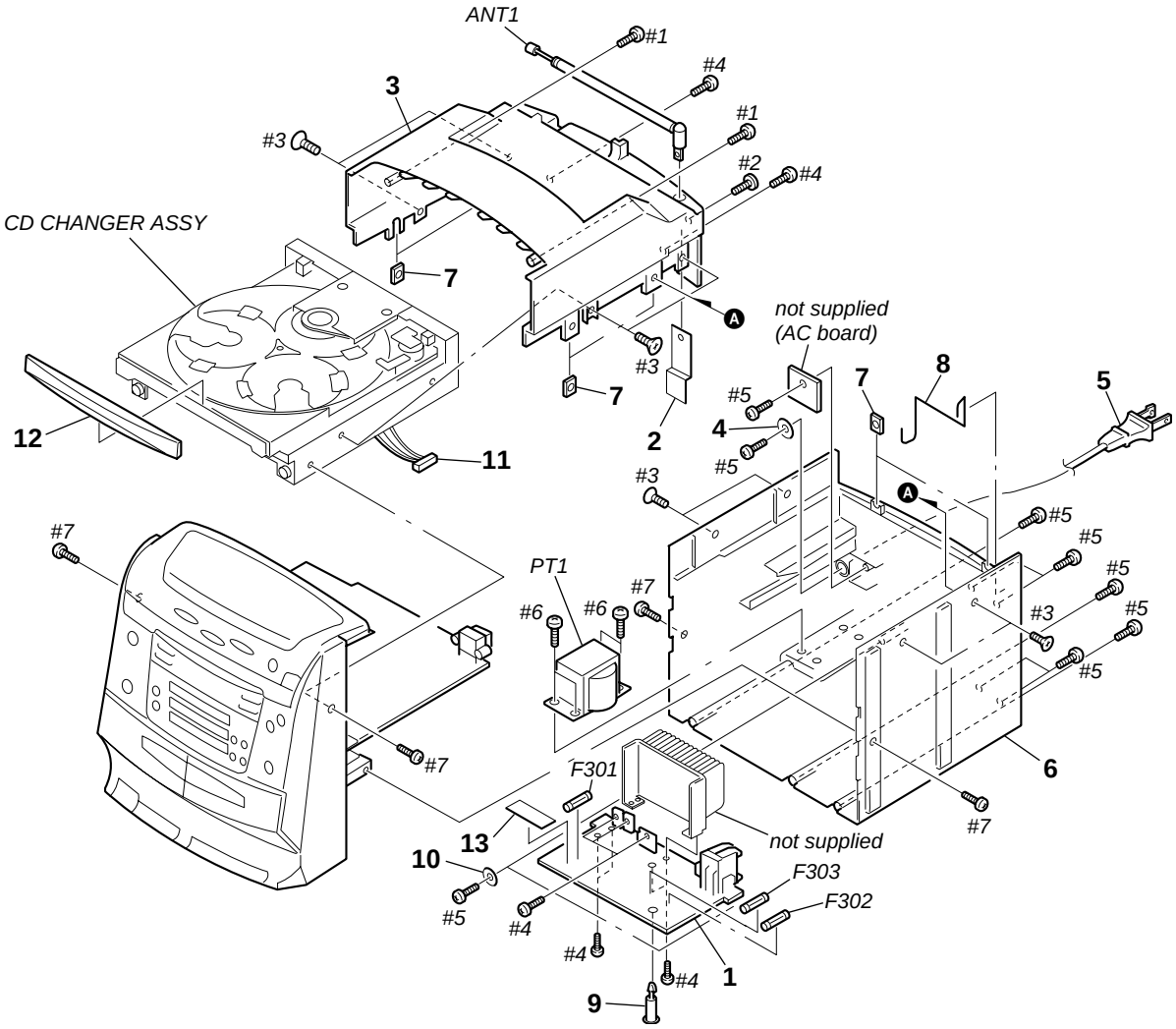
NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.

- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Accessories and packing materials and hardware (# mark) list are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

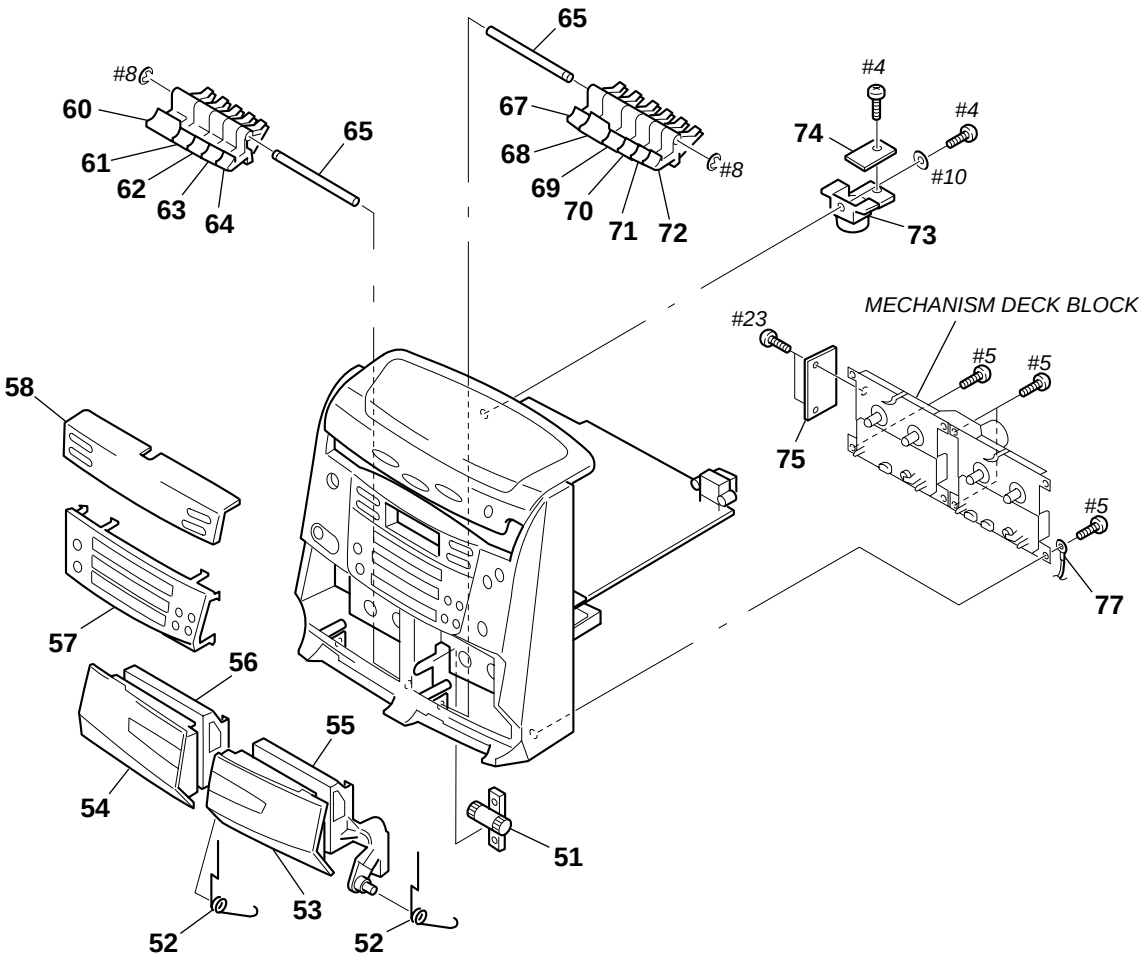
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

## 6-1. REAR CABINET SECTION



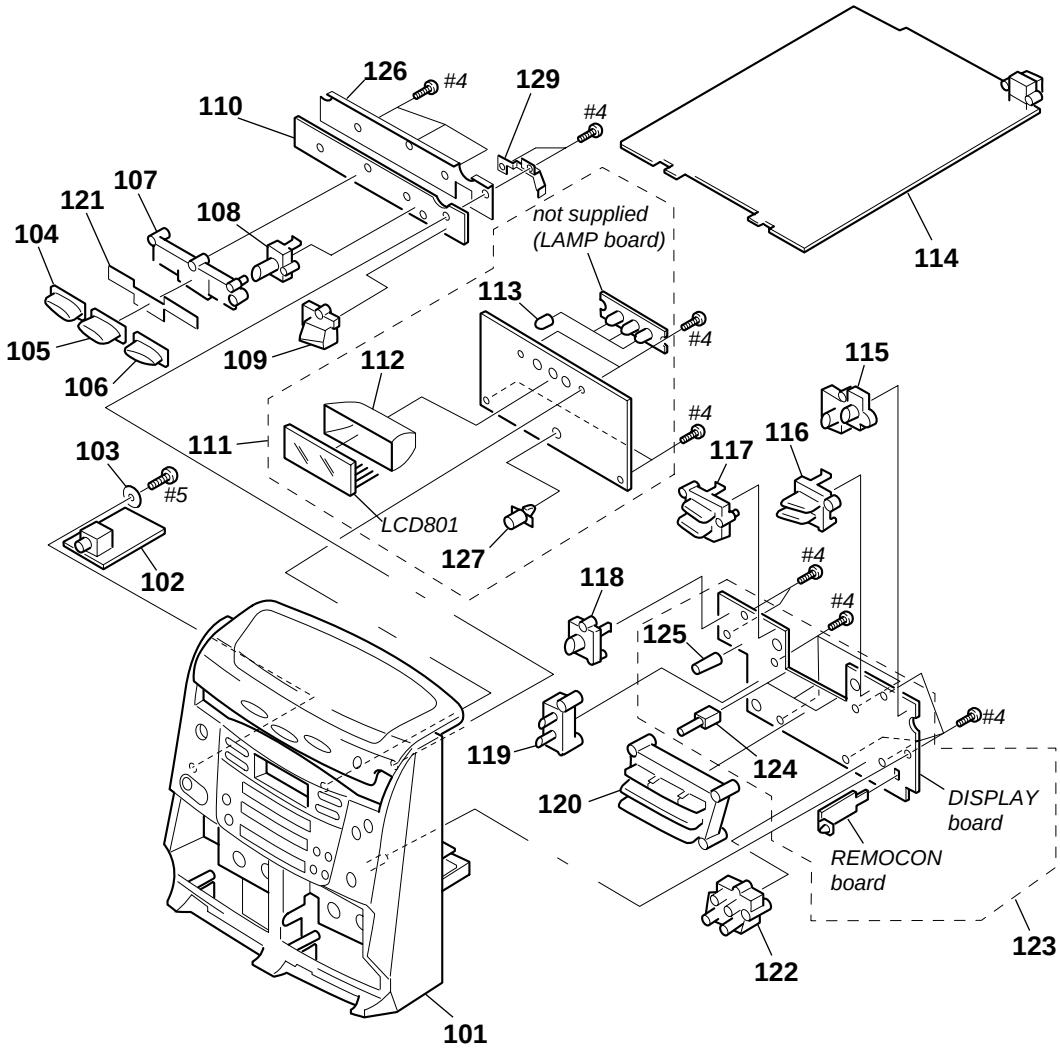

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 1 | A-3322-017-A | POWER BOARD, COMPLETE | |
| * 2 | 3-036-815-01 | PLATE, ANTENNA CONTACT | |
| 3 | 3-036-813-01 | CABINET, TOP | |
| 4 | 3-037-818-01 | STOPPER, AC CORD | |
| ⚠5 | 1-790-793-11 | CORD, POWER | |
| 6 | 3-037-817-01 | CABINET, REAR | |
| 7 | 3-038-938-01 | STOPPER (A) | |
| 8 | 3-038-937-01 | SPRING (ANT) | |
| 9 | 3-038-939-01 | STOPPER | |
| 10 | 3-189-258-01 | WASHER | |
| * 11 | 1-793-247-11 | LEAD, CONNECTOR 8P | |
| 12 | 3-036-814-01 | DOOR, CD | |
| * 13 | 3-703-044-26 | LABEL, CAUTION | |
| ANT1 | 1-754-070-11 | ANTENNA, TELESCOPIC | |
| ⚠F301 | 1-576-105-11 | FUSE, GLASS TUBE (DIA. 5) (2.5A/250V) | |
| ⚠F302 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| ⚠F303 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| ⚠PT1 | 1-433-883-11 | TRANSFORMER, POWER | |

## 6-2. FRONT CABINET SECTION-1



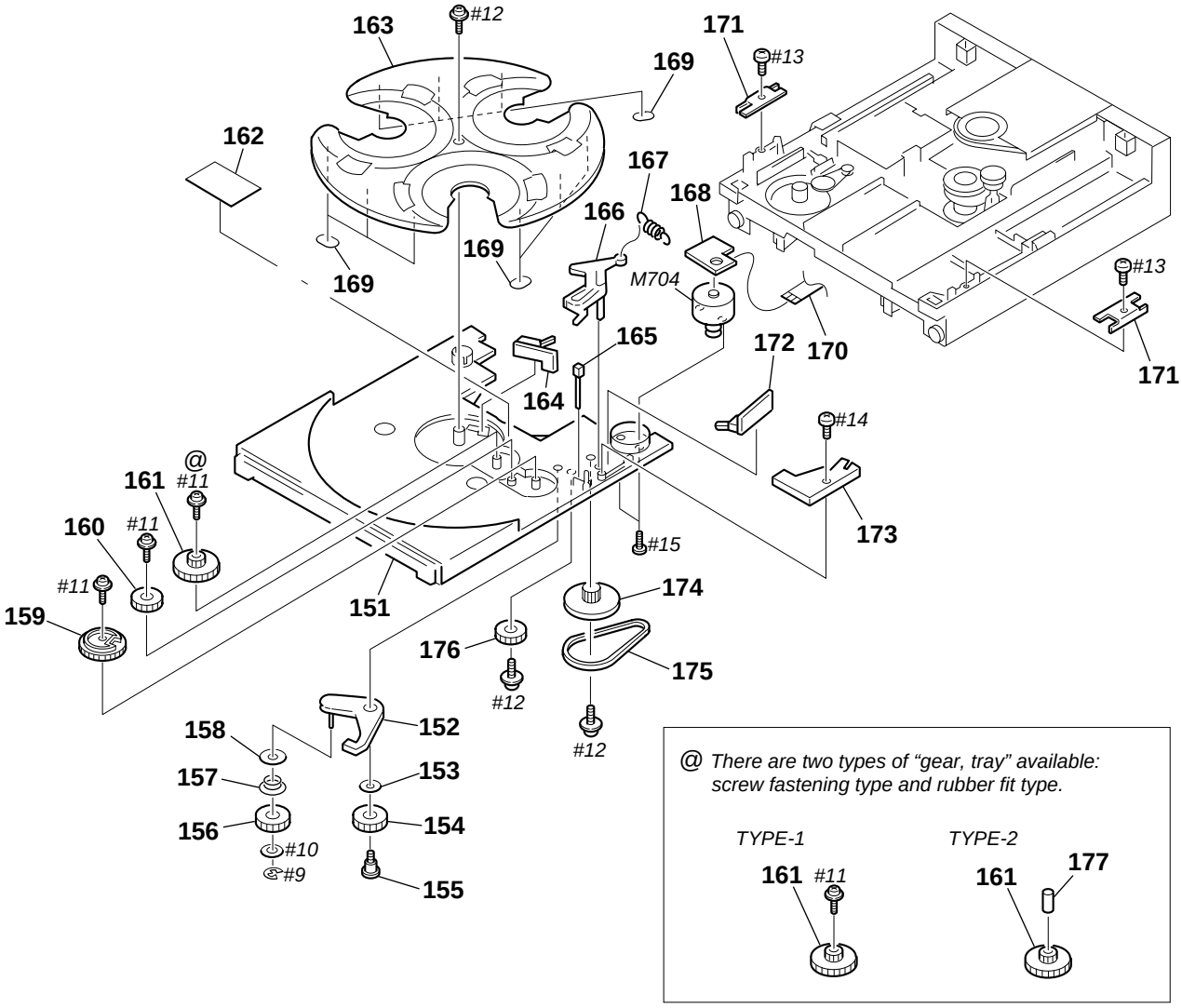

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 3-036-783-01 | DAMPER | |
| 52 | 3-036-784-01 | SPRING, CASSETTE | |
| 53 | X-3377-520-1 | DOOR (B) ASSY, CASSETTE | |
| 54 | X-3377-519-1 | DOOR (A) ASSY, CASSETTE | |
| 55 | 3-036-786-01 | HOLDER (R), CASSETTE | |
| 56 | 3-036-785-01 | HOLDER (L), CASSETTE | |
| 57 | X-3377-427-1 | PANEL ASSY, FUNCTION | |
| 58 | 3-037-819-01 | WINDOW, DISPLAY | |
| 60 | 3-036-791-01 | BUTTON (A) (PLAY), MD | |
| 61 | 3-036-790-01 | BUTTON (A) (REW), MD | |
| 62 | 3-036-789-01 | BUTTON (A) (FF), MD | |
| 63 | 3-036-788-01 | BUTTON (A) (STOP), MD | |
| 64 | 3-036-787-01 | BUTTON (A) (PAUSE), MD | |
| 65 | 3-036-798-01 | SHAFT, MD | |
| 67 | 3-036-797-01 | BUTTON (B) (REC), MD | |
| 68 | 3-036-796-01 | BUTTON (B) (PLAY), MD | |
| 69 | 3-036-795-01 | BUTTON (B) (REW), MD | |
| 70 | 3-036-794-01 | BUTTON (B) (FF), MD | |
| 71 | 3-036-793-01 | BUTTON (B) (STOP), MD | |
| 72 | 3-036-792-01 | BUTTON (B) (PAUSE), MD | |
| 73 | 3-036-799-01 | HOLDER, CD LAMP | |
| * 74 | 1-673-781-11 | CD LAMP BOARD | |
| * 75 | 1-673-772-11 | MD BOARD | |
| 77 | 1-790-900-11 | LEAD, GROUND | |

## 6-3. FRONT CABINET SECTION-2




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | X-3377-426-1 | CABINET ASSY, FRONT | |
| * 102 | 1-673-779-11 | HEADPHONE BOARD | |
| 103 | 3-189-258-01 | WASHER | |
| 104 | 3-036-774-01 | BUTTON (1), DISC | |
| 105 | 3-036-775-01 | BUTTON (2), DISC | |
| 106 | 3-036-776-01 | BUTTON (3), DISC | |
| 107 | 3-036-771-01 | HOLDER, DISC BUTTON | |
| 108 | 3-036-772-01 | BUTTON, DISC CHANGE | |
| 109 | 3-036-773-01 | BUTTON, OPEN/CLOSE | |
| * 110 | A-3322-009-A | DISC BOARD, COMPLETE | |
| * 111 | A-3322-015-A | LCD BOARD, COMPLETE | |
| 112 | 3-936-543-01 | BRACKET, LCD | |
| * 113 | 3-036-782-01 | CAP, LAMP | |
| * 114 | A-3322-012-A | MAIN BOARD, COMPLETE | |
| 115 | 3-036-767-01 | BUTTON, VOLUME | |
| 116 | 3-036-765-01 | BUTTON, CD CONTROL | |
| 117 | 3-036-766-01 | BUTTON, CLOCK CONTROL | |
| 118 | 3-036-763-01 | BUTTON, POWER | |
| 119 | 3-036-769-01 | BUTTON, MEGA BASS/SOUND | |
| 120 | X-3377-680-1 | BUTTON ASSY, FUNCTION | |
| * 121 | 3-036-777-01 | FILTER, DISC BUTTON | |
| 122 | 3-036-764-01 | BUTTON, AMS/TUNING | |
| * 123 | A-3322-010-A | FRONT BOARD, COMPLETE | |
| 124 | 3-036-779-01 | HOLDER (B), LED | |
| 125 | 3-036-780-01 | HOLDER (C), LED | |
| 126 | 3-038-936-01 | COVER, DISC BOARD | |
| * 127 | 3-036-781-01 | HOLDER, DISPLAY | |
| 129 | 3-223-061-01 | STOPPER | |
| LCD801 | 1-803-602-11 | DISPLAY PANEL, LIQUID CRYSTAL | |

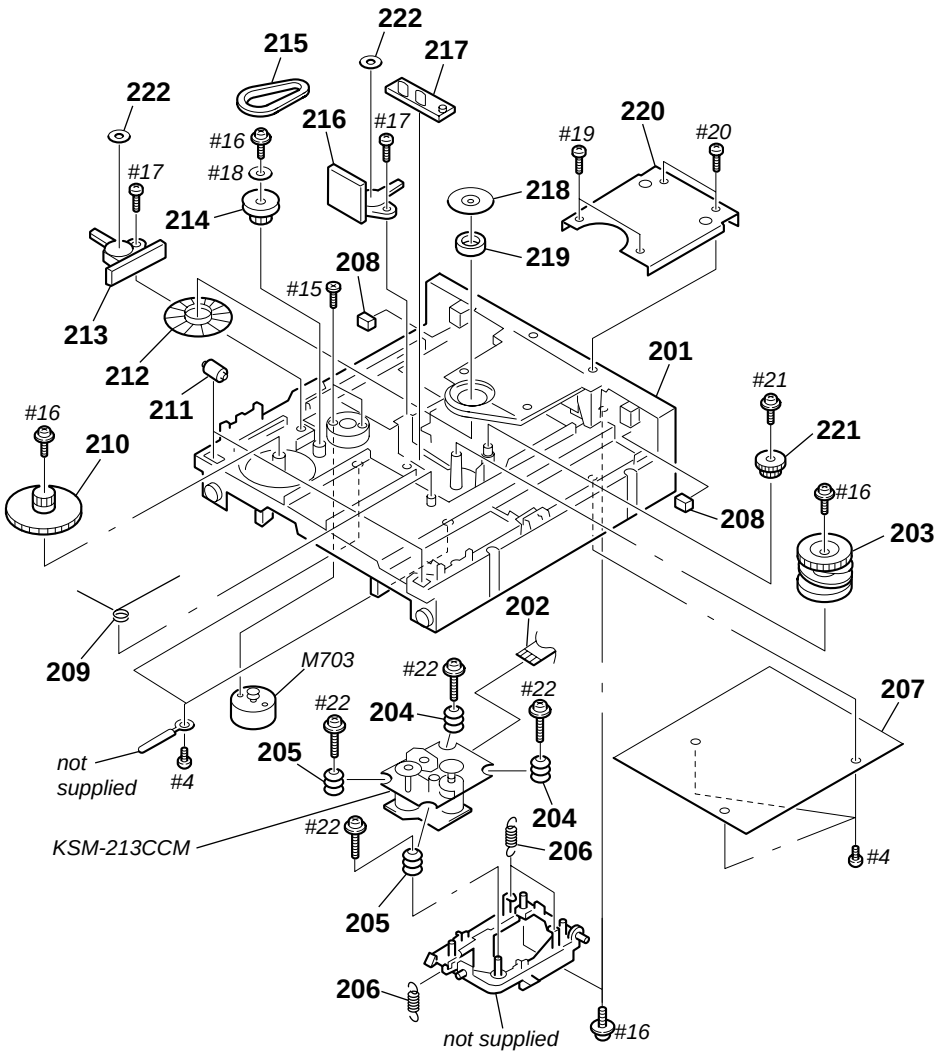
## 6-4. CD CHANGER SECTION-1




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 151 | 3-036-835-01 | BASE, CHANGER | |
| * 152 | 3-036-851-01 | PLATE, CHANGE | |
| 153 | 3-036-852-01 | WASHER (2.7X14), SPECIAL | |
| 154 | 3-036-840-01 | GEAR (B), RELAY | |
| 155 | 3-036-850-01 | SCREW, SPECIAL | |
| 156 | 3-036-842-01 | GEAR, CHANGE | |
| 157 | 3-036-843-01 | SPRING, CHANGE GEAR | |
| 158 | 3-036-849-01 | WASHER (4X14), POLYETHYLENE | |
| 159 | 3-036-844-01 | GEAR, TRAY ROCK | |
| 160 | 3-036-841-01 | GEAR (C), RELAY | |
| 161 | 3-036-845-01 | GEAR, TRAY | |
| 162 | 3-036-846-01 | SHEET, BLIND | |
| 163 | 3-036-817-01 | TURN TABLE | |
| * 164 | 1-674-177-11 | SWITCH (B) BOARD | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 165 | 3-036-853-01 | CUSHION, SWITCH LEVER | |
| 166 | 3-036-847-01 | LEVER, SENSOR SWITCH | |
| 167 | 3-036-848-01 | SPRING, SENSOR SWITCH LEVER | |
| * 168 | 1-674-180-11 | MOTOR BOARD | |
| 169 | 3-038-933-01 | CUSHION | |
| 170 | 1-790-885-11 | FFC | |
| * 171 | 3-036-816-01 | GUIDE, RAIL | |
| * 172 | 1-674-176-11 | SWITCH (A) BOARD | |
| 173 | 3-038-935-01 | PLATE, TURN TABLE RETAINER | |
| 174 | 3-036-838-01 | PULLEY, GEAR | |
| 175 | 3-036-837-01 | BELT, LOADING | |
| 176 | 3-036-839-01 | GEAR (A), RELAY | |
| 177 | 3-223-060-01 | PIN, RUBBER | |
| M704 | X-3377-636-1 | MOTOR ASSY (TABLE ROTATE) | |

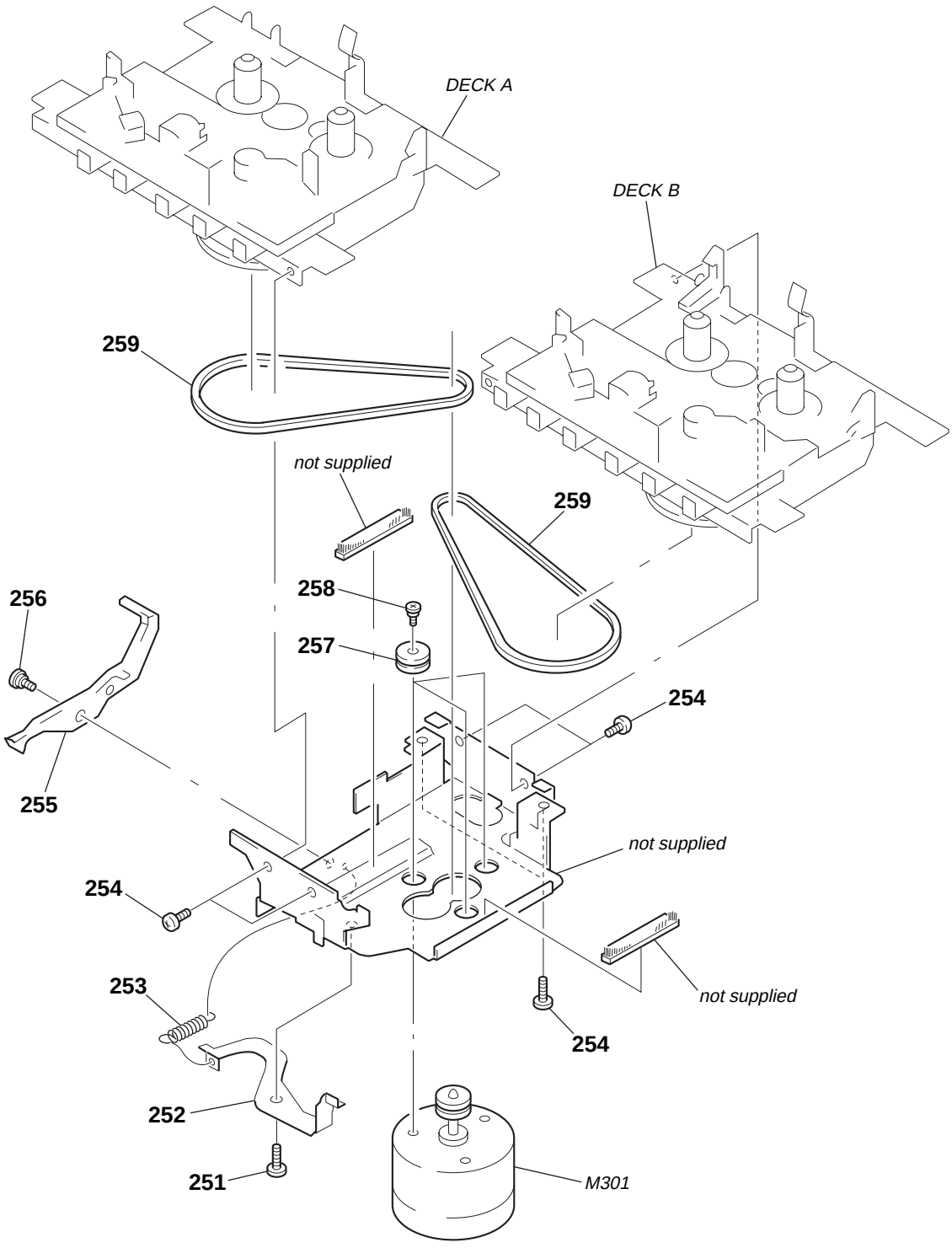
## 6-5. CD CHANGER SECTION-2




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 201 | 3-036-825-01 | CHASSIS, MAIN | |
| 202 | 1-790-886-11 | FFC | |
| 203 | 3-036-819-01 | CAM, U/D | |
| 204 | 3-036-833-01 | DAMPER (B) | |
| 205 | 3-036-832-01 | DAMPER (A) | |
| 206 | 3-036-834-01 | SPRING, MECHANISM BASE | |
| 207 | 3-038-934-01 | PLATE, FIBER | |
| 208 | 3-038-933-01 | CUSHION | |
| 209 | 3-036-821-01 | SPRING, CAM BRAKE | |
| 210 | 3-036-828-01 | GEAR, SLIDE | |
| 211 | 3-036-829-01 | ROLLER | |
| 212 | 3-036-823-01 | HOLDER, MAGNET | |

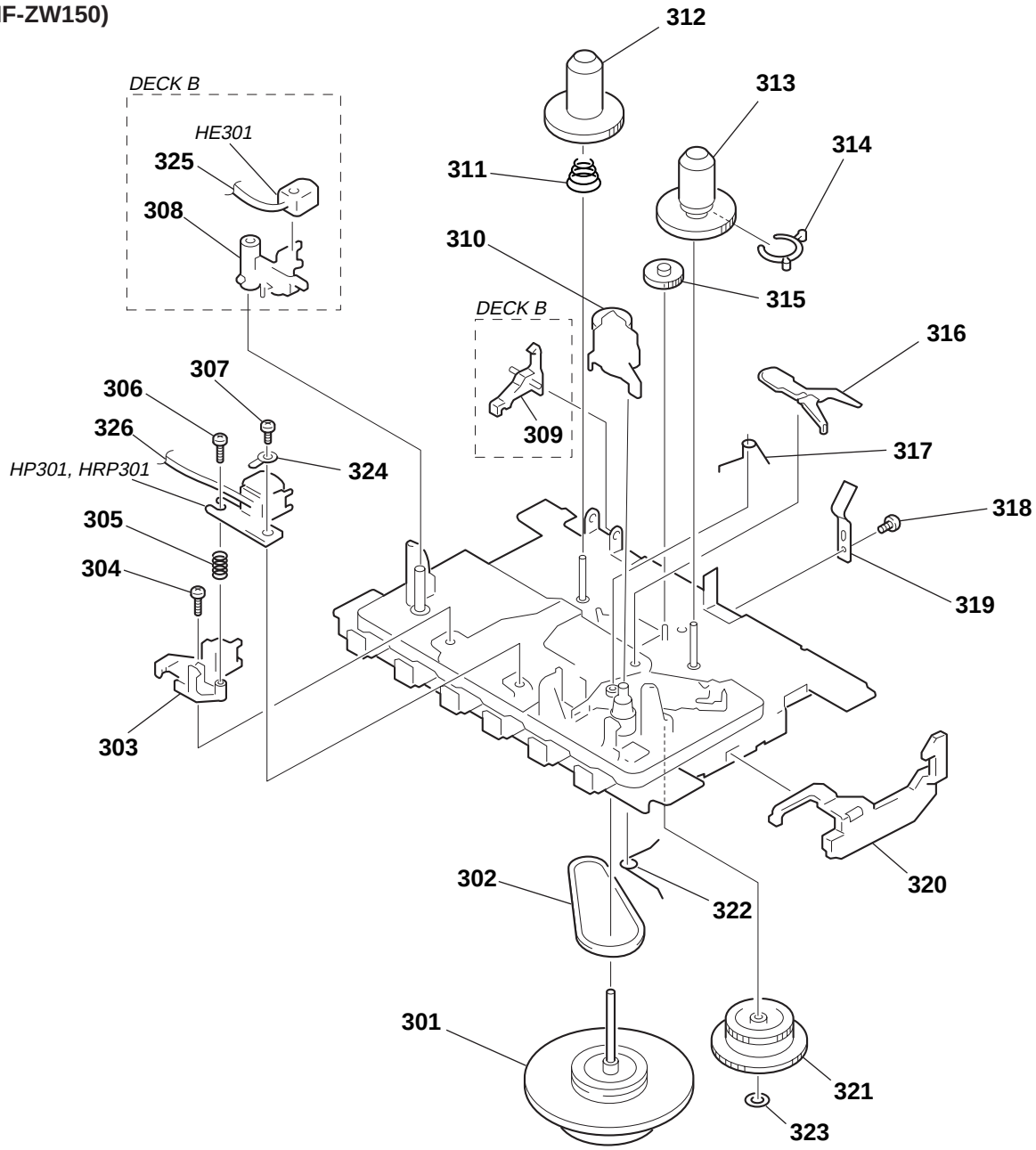
| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 213 | 1-674-178-11 | SWITCH (C) BOARD | |
| 214 | 3-036-827-01 | PULLEY (B), GEAR | |
| 215 | 3-036-826-01 | BELT, LOADING GEAR | |
| * 216 | 1-674-179-11 | SWITCH (D) BOARD | |
| 217 | 3-036-822-01 | LEVER, SWITCH | |
| 218 | 3-036-831-01 | COVER, MAGNET | |
| 219 | 3-036-824-01 | MAGNET | |
| 220 | 3-036-830-01 | BRACKET, MAIN CHASSIS | |
| 221 | 3-036-820-01 | GEAR, U/D DECELERATION | |
| 222 | 7-624-200-11 | NUT, PUSH | |
| M703 | X-3377-637-1 | MOTOR ASSY (TRAY) | |

## 6-6. TAPE MECHANISM DECK SECTION-1 (MF-ZW150)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 251 | 3-014-792-01 | SCREW (A), PK COLLAR | |
| 252 | 3-014-791-01 | LEVER (A), P KICK | |
| 253 | 3-014-794-01 | SPRING, P KICK LEVER | |
| 254 | 3-014-780-01 | C SCREW 2X4 | |
| 255 | 3-014-790-01 | LEVER (B), P KICK | |
| 256 | 3-014-793-01 | SCREW (B), PK COLLAR | |
| 257 | 3-014-772-01 | RUBBER, MOTOR | |
| 258 | 3-014-773-01 | SCREW, M COLLAR | |
| 259 | 3-014-775-01 | BELT, M | |
| M301 | X-3374-558-1 | MOTOR ASSY (CAPSTAN/REEL) | |

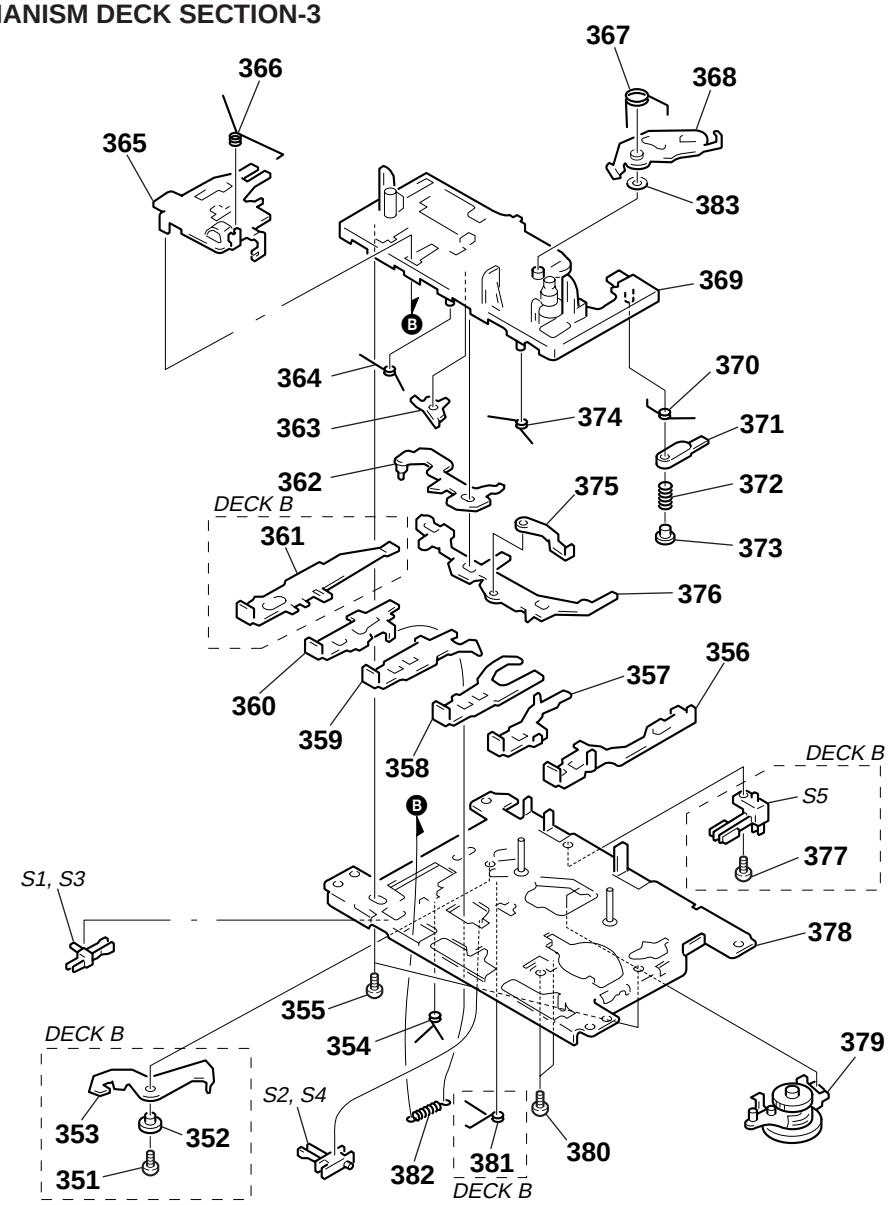
## 6-7. TAPE MECHANISM DECK SECTION-2 (MF-ZW150)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 301 | 3-014-764-01 | FLYWHEEL (DECK B) | |
| 301 | 3-014-765-01 | FLYWHEEL (DECK A) | |
| 302 | 3-014-763-01 | F BELT (W) | |
| 303 | 3-014-755-01 | HEAD BASE | |
| 304 | 3-014-783-01 | SCREW 2X6 | |
| 305 | 3-014-760-01 | AZIMUTH SPRING | |
| 306 | 3-014-786-01 | A SCREW 2X7 | |
| 307 | 3-014-785-01 | B SCREW 2X3 | |
| 308 | 3-915-782-01 | ARM, MG (DECK B) | |
| * 309 | 3-920-405-01 | LEVER, REC SAFETY (DECK B) | |
| 310 | 3-913-438-01 | ARM ASSY, PINCH ROLLER | |
| 311 | 3-014-768-01 | SPRING, BACK TENSION | |
| 312 | 3-014-769-01 | S REEL HUB | |
| 313 | 3-014-770-01 | REEL, T.U. | |
| 314 | 3-915-797-01 | SENSOR | |
| 315 | 3-348-357-01 | GEAR, FF | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 316 | 3-915-785-01 | LEVER, SENSING | |
| 317 | 3-014-757-01 | M CONTROL SPRING | |
| 318 | 3-014-779-01 | C SCREW 2X3 | |
| * 319 | 3-014-778-01 | PACK SPRING PLATE | |
| 320 | 3-014-777-01 | EJECT SLIDE LEVER | |
| 321 | 3-915-792-01 | GEAR, CAM | |
| 322 | 3-014-748-01 | E ACTUATOR SPRING | |
| 323 | 3-014-787-01 | C WASHER | |
| * 324 | 3-014-789-01 | B3 LUG | |
| 325 | 1-790-913-11 | LEAD, HEAD (E) (DECK B) | |
| 326 | 1-790-912-11 | LEAD, HEAD (A) (DECK A) | |
| 326 | 1-790-914-11 | LEAD, HEAD (B) (DECK B) | |
| HE301 | 1-500-139-11 | HEAD, ERASE (PH-K380-MS1-6A) (DECK B) | |
| HP301 | 1-500-464-11 | HEAD, PLAYBACK (DECK A) | |
| HRP301 | 1-500-464-11 | HEAD, RECORD/PLAYBACK (DECK B) | |

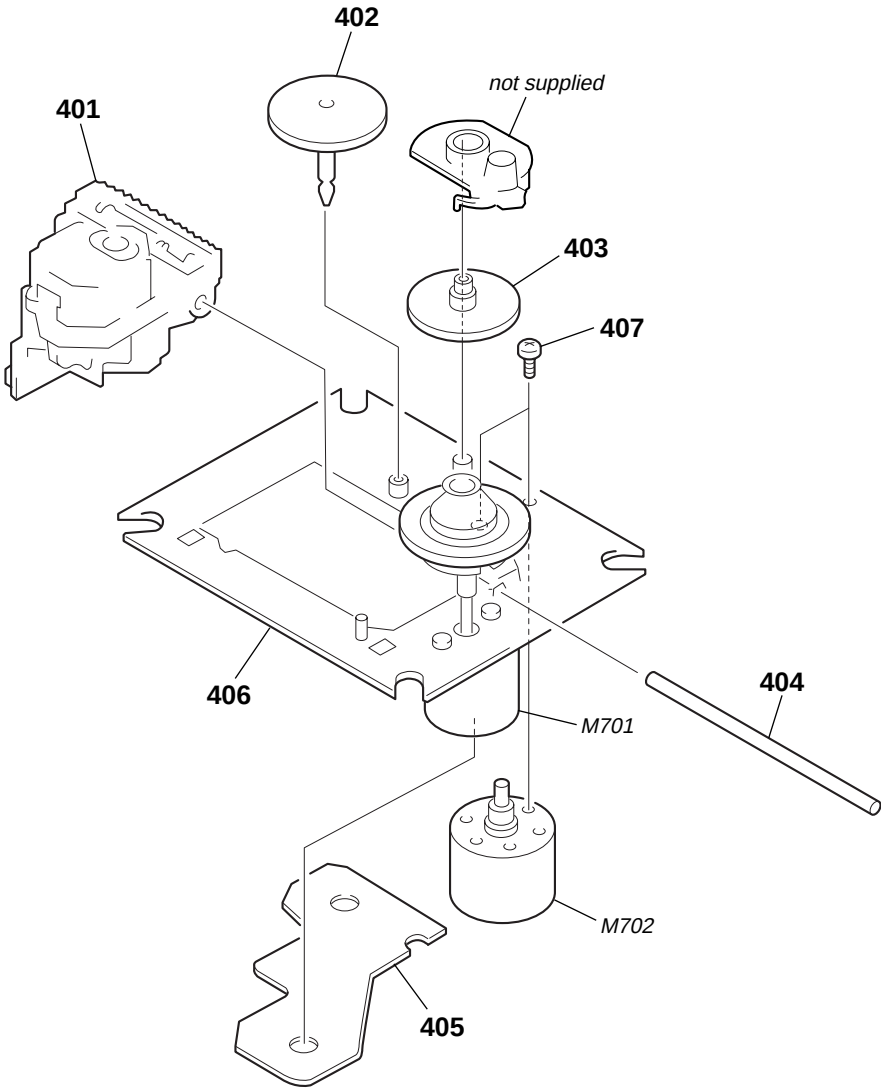
## 6-8. TAPE MECHANISM DECK SECTION-3 (MF-ZW150)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 351 | 3-014-780-01 | C SCREW 2X4 (DECK B) | |
| 352 | 3-014-759-01 | P ARM COLLAR (DECK B) | |
| 353 | 3-014-758-01 | RECORD ARM (DECK B) | |
| 354 | 3-014-749-01 | PS LEVER SPRING | |
| 355 | 3-014-781-01 | PB SCREW 2X5 | |
| * 356 | 3-014-743-01 | PAUSE BUTTON LEVER | |
| * 357 | 3-014-742-01 | STOP BUTTON LEVER | |
| * 358 | 3-014-741-01 | FF BUTTON LEVER | |
| * 359 | 3-014-740-01 | REW BUTTON LEVER | |
| * 360 | 3-014-739-01 | PLAY BUTTON LEVER | |
| * 361 | 3-014-738-01 | REC BUTTON LEVER (DECK B) | |
| * 362 | 3-014-736-01 | SW ACTUATOR | |
| 363 | 3-014-761-01 | PR STOPPER | |
| 364 | 3-014-747-01 | BUTTON LEVER SPRING (A) | |
| * 365 | 3-014-753-01 | HEAD PANEL | |
| 366 | 3-014-756-01 | PANEL P SPRING | |
| 367 | 3-014-766-01 | GEAR PLATE SPRING | |
| 368 | 3-014-767-01 | GEAR PLATE | |
| 369 | 3-915-740-01 | BASE ASSY (A) | |
| 370 | 3-915-752-01 | SPRING, P CONTROL | |
| 371 | 3-014-744-01 | LEVER (F), PAUSE | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 372 | 3-014-745-01 | P LEVER SPRING | |
| 373 | 3-014-746-01 | PAUSE STOPPER | |
| 374 | 3-014-752-01 | BUTTON LEVER SPRING (B) | |
| * 375 | 3-014-750-01 | E KICK LEVER | |
| * 376 | 3-014-737-01 | PUSH BUTTON ACTUATOR | |
| 377 | 3-014-784-01 | C SCREW 2X5 (DECK B) | |
| * 378 | 3-915-757-01 | CHASSIS ASSY | |
| 379 | 3-014-762-01 | CLUTCH, RF | |
| 380 | 3-014-782-01 | CT SCREW 2X4.5 | |
| 381 | 3-014-751-01 | REC BUTTON SPRING (DECK B) | |
| 382 | 3-014-754-01 | PLAY BUTTON LEVER SP | |
| 383 | 3-014-788-01 | C WASHER | |
| S1 | 1-762-022-11 | SWITCH, LEAF (MSW-1541T) (MOTOR) | (DECK A) |
| S2 | 1-762-023-11 | SWITCH, LEAF (MSW17820MVD0) (PLAY) | (DECK A) |
| S3 | 1-762-022-11 | SWITCH, LEAF (MSW-1541T) (MOTOR) | (DECK B) |
| S4 | 1-762-023-11 | SWITCH, LEAF (MSW17820MVD0) (PLAY) | (DECK B) |
| S5 | 1-762-024-11 | SWITCH, LEAF (MSW-1275) (REC) (DECK B) | |

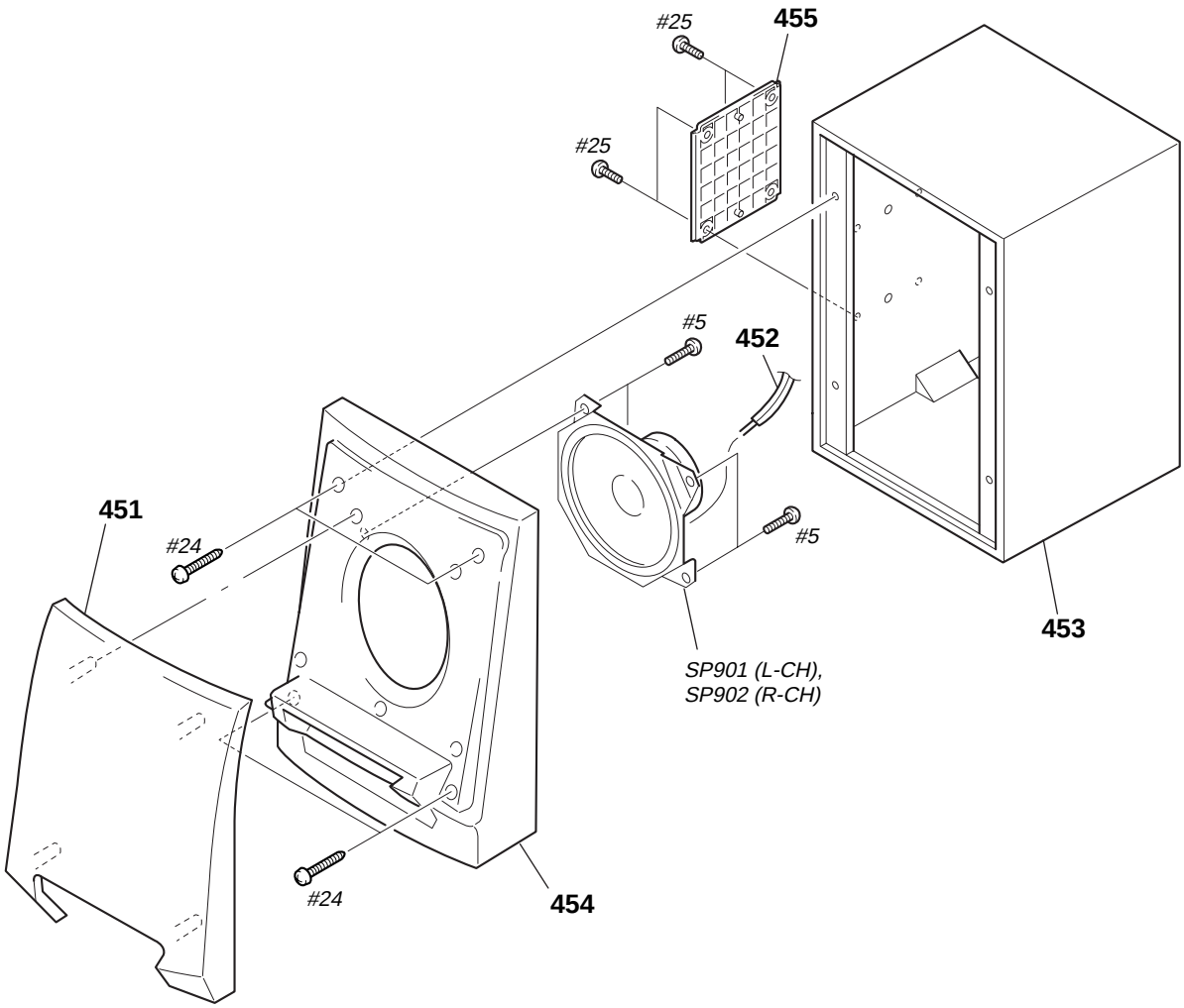
## 6-9. OPTICAL PICK-UP SECTION (KSM-213CCM)




| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| ⚠401 | 8-848-483-05 | PICK-UP, OPTICAL KSS-213C/Q-RP | |
| 402 | 2-626-907-01 | GEAR (A) | |
| 403 | 2-627-003-02 | GEAR (B) (RP) | |
| 404 | 2-626-908-01 | SHAFT, SLED | |
| 405 | 1-658-023-31 | CD MOTOR BOARD | |
| 406 | X-2625-877-1 | CHASSIS ASSY (MB), MOTOR (SPINDLE) (including M701) | |
| 407 | 3-713-786-51 | SCREW +P 2X3 | |
| M702 | X-2625-769-1 | GEAR ASSY (MB), MOTOR (SLED) | |

## 6-10. SPEAKER SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 451 | X-3377-521-1 | SPEAKER (FRONT) ASSY | |
| 452 | 1-751-483-11 | CORD, SPEAKER CONNECTION | |
| * 453 | 3-036-809-01 | CABINET (R), SPEAKER (REAR) | |
| * 453 | 3-036-812-01 | CABINET (L), SPEAKER (REAR) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 454 | 3-036-810-01 | CABINET, SPEAKER (FRONT) | |
| 455 | 3-036-811-01 | HOLDER | |
| SP901 | 1-529-365-11 | SPEAKER (L-CH) | |
| SP902 | 1-529-365-11 | SPEAKER (R-CH) | |

CD LAMP | CD MOTOR | DISC | DISPLAY

# SECTION 7
# ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * | 1-673-781-11 | CD LAMP BOARD | |
| | | ********** | |
| | 3-036-799-01 | HOLDER, CD LAMP | |
| | 7-685-646-79 | SCREW, TOTSU BTP 3X8 TYPE2 N-S | |
| | | < CONNECTOR > | |
| CN806 | 1-779-606-11 | CONNECTOR (WIRE HOLDER) 2P | |
| | | < PILOT LAMP > | |
| LP804 | 1-517-895-11 | LAMP, PILOT | |
| ********** | | | |
| | 1-658-023-31 | CD MOTOR BOARD | |
| | | ********** | |
| | | < CONNECTOR > | |
| CNP707 | 1-564-722-11 | PIN, CONNECTOR (SMALL TYPE) 6P | |
| | | < SWITCH > | |
| S701 | 1-572-085-11 | SWITCH, LEAF (LIMIT) | |
| ********** | | | |
| * | A-3322-009-A | DISC BOARD, COMPLETE | |
| | | ********** | |
| | 1-790-889-11 | CABLE, FLAT 8P | |
| | 1-790-892-11 | CABLE, FLAT 2P | |
| | 3-036-771-01 | HOLDER, DISC BUTTON | |
| | 3-036-772-01 | BUTTON, DISC CHANGE | |
| | 3-036-773-01 | BUTTON, OPEN/CLOSE | |
| | 3-036-774-01 | BUTTON (1), DISC | |
| | 3-036-775-01 | BUTTON (2), DISC | |
| | 3-036-776-01 | BUTTON (3), DISC | |
| * | 3-036-777-01 | FILTER, DISC BUTTON | |
| | 3-036-778-01 | HOLDER (A), LED | |
| | | < CONNECTOR > | |
| CN806 | 1-779-606-11 | CONNECTOR (WIRE HOLDER) 2P | |
| | | < DIODE > | |
| LD805 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 3) | |
| LD807 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 2) | |
| LD809 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 1) | |
| LD810 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 3) | |
| LD811 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 2) | |
| LD812 | 8-719-074-95 | LED LTL-1KHGE-U (DISC 1) | |
| | | < TRANSISTOR > | |
| Q806 | 8-729-048-99 | FET 2SK2541 | |
| Q807 | 8-729-048-99 | FET 2SK2541 | |
| Q808 | 8-729-048-99 | FET 2SK2541 | |
| | | < RESISTOR > | |
| R822 | 1-249-415-11 | CARBON 680 5% 1/4W | |
| R823 | 1-249-416-11 | CARBON 820 5% 1/4W | |
| R824 | 1-249-418-11 | CARBON 1.2K 5% 1/4W | |
| R825 | 1-249-420-11 | CARBON 1.8K 5% 1/4W | |
| R826 | 1-247-843-11 | CARBON 3.3K 5% 1/4W | |
| R829 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R831 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R833 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| RA46 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| RA47 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| RA48 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| | | < SWITCH > | |
| S826 | 1-762-798-11 | SWITCH, KEY BOARD (OPEN/CLOSE) | |
| S827 | 1-762-798-11 | SWITCH, KEY BOARD (DISC CHANGE) | |
| S828 | 1-762-798-11 | SWITCH, KEY BOARD (DISC 3) | |
| S829 | 1-762-798-11 | SWITCH, KEY BOARD (DISC 2) | |
| S830 | 1-762-798-11 | SWITCH, KEY BOARD (DISC 1) | |
| ********** | | | |
| * | A-3322-010-A | FRONT BOARD, COMPLETE (INCLUDING DISPLAY BOARD AND REMOCON BOARD) | |
| | | ********** | |
| | | DISPLAY BOARD | |
| | | ********** | |
| | 3-036-779-01 | HOLDER (B), LED | |
| | 3-036-780-01 | HOLDER (C), LED | |
| | | < CONNECTOR > | |
| CN803B | 1-779-603-11 | CONNECTOR (WIRE HOLDER) 8P | |
| * CN804 | 1-793-134-11 | CONNECTOR (BASE) 17P | |
| | | < DIODE > | |
| LD604 | 8-719-074-94 | LED LTL-1CHEE (OPR) | |
| LD801 | 8-719-056-01 | LED LTL-16KGE (CD) | |

**DISPLAY** **HEADPHONE** **LAMP** **LCD**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| LD802 | 8-719-056-01 | LED LTL-16KGE (RADIO) | | | |
| LD803 | 8-719-056-01 | LED LTL-16KGE (TAPE) | | | |
| | | < TRANSISTOR > | | | |
| Q803 | 8-729-048-99 | FET 2SK2541 | | | |
| Q804 | 8-729-048-99 | FET 2SK2541 | | | |
| Q805 | 8-729-048-99 | FET 2SK2541 | | | |
| Q809 | 8-729-048-99 | FET 2SK2541 | | | |
| | | < RESISTOR > | | | |
| R801 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W |
| R802 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W |
| R803 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W |
| R804 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W |
| R805 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R806 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R807 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R808 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W |
| R809 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W |
| R810 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W |
| R811 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W |
| R812 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R813 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R814 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R815 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W |
| R816 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W |
| R817 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W |
| R818 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W |
| R819 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R820 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R821 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| RA24 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W |
| RA25 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W |
| RA26 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W |
| RA27 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W |
| | | < SWITCH > | | | |
| S801 | 1-771-839-11 | SWITCH, KEY BOARD (POWER) | | | |
| S802 | 1-771-839-11 | SWITCH, KEY BOARD (SLEEP) | | | |
| S803 | 1-771-839-11 | SWITCH, KEY BOARD (STANDBY) | | | |
| S804 | 1-771-839-11 | SWITCH, KEY BOARD (TIMER) | | | |
| S805 | 1-771-839-11 | SWITCH, KEY BOARD (CLOCK) | | | |
| S806 | 1-771-839-11 | SWITCH, KEY BOARD (ENTER) | | | |
| S807 | 1-771-839-11 | SWITCH, KEY BOARD (PLAY MODE) | | | |
| S808 | 1-771-839-11 | SWITCH, KEY BOARD (DISPLAY) | | | |
| S809 | 1-771-839-11 | SWITCH, KEY BOARD (REPEAT) | | | |
| S810 | 1-771-839-11 | SWITCH, KEY BOARD (VOLUME +) | | | |
| S811 | 1-771-839-11 | SWITCH, KEY BOARD (VOLUME –) | | | |
| S812 | 1-771-839-11 | SWITCH, KEY BOARD (MEGA BASS) | | | |
| S813 | 1-771-839-11 | SWITCH, KEY BOARD (SOUND) | | | |
| S814 | 1-771-839-11 | SWITCH, KEY BOARD (TAPE) | | | |
| S815 | 1-771-839-11 | SWITCH, KEY BOARD (CD) | | | |
| S816 | 1-771-839-11 | SWITCH, KEY BOARD (RADIO) | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| S817 | 1-771-839-11 | SWITCH, KEY BOARD (■) | |
| S818 | 1-771-839-11 | SWITCH, KEY BOARD (► II) | |
| S819 | 1-771-839-11 | SWITCH, KEY BOARD (BAND) | |
| S820 | 1-771-839-11 | SWITCH, KEY BOARD (PRESET +) | |
| S821 | 1-771-839-11 | SWITCH, KEY BOARD (PRESET –) | |
| S822 | 1-771-839-11 | SWITCH, KEY BOARD (AMS/SEARCH ►►I +) | |
| S823 | 1-771-839-11 | SWITCH, KEY BOARD (AMS/SEARCH I◄◄ –) | |
| S824 | 1-771-839-11 | SWITCH, KEY BOARD (TUNING +) | |
| S825 | 1-771-839-11 | SWITCH, KEY BOARD (TUNING –) | |
| ********** | | | |
| * | 1-673-779-11 | HEADPHONE BOARD | |
| | | ********** | |
| | | < CONNECTOR > | |
| CN308 | 1-793-485-11 | CONNECTOR (BASE) 4P | |
| | | < JACK > | |
| JK302 | 1-779-611-11 | JACK, HEADPHONE (PHONES) | |
| | | < COIL > | |
| L801 | 1-469-447-11 | FERRITE BEAD INDUCTOR | |
| ********** | | | |
| | | LAMP BOARD (SUPPLIED WITH LCD BOARD, COMPLETE) | |
| | | ********** | |
| * | 3-036-782-01 | CAP, LAMP | |
| | | < PILOT LAMP > | |
| LP801 | 1-517-895-11 | LAMP, PILOT | |
| LP802 | 1-517-895-11 | LAMP, PILOT | |
| LP803 | 1-517-895-11 | LAMP, PILOT | |
| ********** | | | |
| * | A-3322-015-A | LCD BOARD, COMPLETE | |
| * | | (INCLUDING LAMP BOARD) | |
| | | ********** | |
| * | 3-036-781-01 | HOLDER, DISPLAY | |
| | 3-936-543-01 | BRACKET, LCD | |
| | | < CONNECTOR > | |
| * CN801 | 1-793-218-11 | CONNECTOR (BASE) 16P | |
| * CN802 | 1-793-134-11 | CONNECTOR (BASE) 17P | |
| | | < LIQUID CRYSTAL DISPLAY > | |
| LCD801 | 1-803-602-11 | DISPLAY PANEL, LIQUID CRYSTAL | |
| ********** | | | |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * | A-3322-012-A | MAIN BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C6 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C8 | 1-124-472-11 | ELECT | 470uF | 20% | 10V |
| C13 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C14 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C15 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C16 | 1-130-467-00 | MYLAR | 470PF | 5% | 50V |
| C17 | 1-102-958-00 | CERAMIC | 20PF | 5% | 50V |
| C18 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C20 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C20A | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C21 | 1-162-203-31 | CERAMIC | 15PF | 5% | 50V |
| C22 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C23 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C24 | 1-162-206-31 | CERAMIC | 20PF | 5% | 50V |
| C25 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C26 | 1-164-090-11 | CERAMIC | 0.0047uF | 50V | |
| C27 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C29 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C35 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C37 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C38 | 1-130-491-00 | MYLAR | 0.047uF | 5% | 50V |
| C39 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C40 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C41 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C42 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C43 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C44 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C46 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C48 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C49 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C50 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C51 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C52 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C52A | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C54 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C55 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C56 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C57 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C58 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C59 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C63 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C64 | 1-126-962-11 | ELECT | 3.3uF | 20% | 50V |
| C66 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C67A | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C68A | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C69A | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C77 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C79 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C88 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C89 | 1-130-749-00 | FILM | 0.12uF | 1% | 100V |
| C94 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C95 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C96 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C97 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C100 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C102 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C102A | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C103 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C104 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C105 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C106 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C107 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C108 | 1-161-052-00 | CERAMIC | 0.012uF | 10% | 25V |
| C109 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C110 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C110A | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C111 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C112 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C121 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C122 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C123 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C124 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C125 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C126 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C127 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C128 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V |
| C129 | 1-130-486-00 | MYLAR | 0.018uF | 10% | 50V |
| C130 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C131 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C132 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C133 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C133A | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C141 | 1-130-489-11 | MYLAR | 0.033uF | 5% | 50V |
| C142 | 1-162-301-11 | CERAMIC | 0.0015uF | 30% | 16V |
| C144 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C145 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C151 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C152 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C200 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C202 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C202A | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C203 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C204 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C205 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C206 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C207 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C208 | 1-161-052-00 | CERAMIC | 0.012uF | 10% | 25V |
| C209 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C210 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C210A | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C211 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C212 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C221 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C222 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C223 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C224 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C225 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C226 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C227 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C228 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V |
| C229 | 1-130-486-00 | MYLAR | 0.018uF | 10% | 50V |
| C230 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C231 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C232 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C233 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C233A | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C241 | 1-130-489-11 | MYLAR | 0.033uF | 5% | 50V |
| C242 | 1-162-301-11 | CERAMIC | 0.0015uF | 30% | 16V |
| C244 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C245 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C251 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C252 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C302 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C303 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C305 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C306 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C307 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C308 | 1-104-666-11 | ELECT | 220uF | 20% | 10V |
| C309 | 1-162-293-31 | CERAMIC | 820PF | 10% | 50V |
| C310 | 1-104-666-11 | ELECT | 220uF | 20% | 10V |
| C311 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C312 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C314 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C316 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C317 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C317A | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C318 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C319 | 1-110-211-11 | MYLAR | 0.022uF | 5% | 50V |
| C320 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C320A | 1-104-663-11 | ELECT | 33uF | 20% | 16V |
| C321 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C321A | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C331 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C334 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C335 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C338 | 1-130-475-00 | MYLAR | 0.0022uF | 5% | 50V |
| C340 | 1-124-472-11 | ELECT | 470uF | 20% | 10V |
| C363 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C366 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C367 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C367A | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C368A | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C701 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C702 | 1-130-489-11 | MYLAR | 0.033uF | 5% | 50V |
| C703 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C704 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C705 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C706 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C707 | 1-162-203-31 | CERAMIC | 15PF | 5% | 50V |
| C708 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C710 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C711 | 1-162-835-11 | CERAMIC | 0.0047uF | 10% | 16V |
| C712 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C713 | 1-130-481-00 | MYLAR | 0.0068uF | 5% | 50V |
| C714 | 1-130-491-00 | MYLAR | 0.047uF | 5% | 50V |
| C715 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C716 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C717 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C718 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C718A | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C719 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C720 | 1-130-475-00 | MYLAR | 0.0022uF | 5% | 50V |
| C721 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C722 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C723 | 1-130-495-11 | MYLAR | 0.1uF | 5% | 50V |
| C724 | 1-131-375-00 | TANTALUM | 4.7uF | 10% | 10V |
| C725 | 1-130-489-11 | MYLAR | 0.033uF | 5% | 50V |
| C726 | 1-130-486-00 | MYLAR | 0.018uF | 10% | 50V |
| C726A | 1-162-835-11 | CERAMIC | 0.0047uF | 10% | 16V |
| C727 | 1-162-199-31 | CERAMIC | 10PF | 5% | 50V |
| C728 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C729 | 1-126-962-11 | ELECT | 3.3uF | 20% | 50V |
| C730 | 1-162-215-31 | CERAMIC | 47PF | 5% | 50V |
| C731 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C732 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C733 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C734 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C735 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C736 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C739 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C740 | 1-126-941-11 | ELECT | 470uF | 20% | 16V |
| C741 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C742 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C743 | 1-126-927-11 | ELECT | 2200uF | 20% | 10V |
| C744 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C745 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C747 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C752 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C753 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C754 | 1-104-666-11 | ELECT | 220uF | 20% | 10V |
| C755 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C756 | 1-137-194-11 | FILM | 0.47uF | 5% | 50V |
| C757 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C759 | 1-162-290-31 | CERAMIC | 470PF | 10% | 50V |
| C760 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C761 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C762 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C763 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C764 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C765 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C766 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C767 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C768 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C769 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C770 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C771 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C771A | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C772 | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C773 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C774 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C777 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C777A | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C780 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C781 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C782 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C783 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C784 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C785 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C786 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C787 | 1-162-832-11 | CERAMIC | 0.0027uF | 10% | 16V |
| C788 | 1-162-832-11 | CERAMIC | 0.0027uF | 10% | 16V |
| C791 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C792 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C793 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C794 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C795 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C797 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C798 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C799 | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C799A | 1-161-485-00 | CERAMIC | 0.1uF | | 50V |
| C799B | 1-124-443-00 | ELECT | 100uF | 20% | 10V |
| C801 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C802 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C803 | 1-102-518-11 | CERAMIC | 33PF | 5% | 50V |
| C804 | 1-102-518-11 | CERAMIC | 33PF | 5% | 50V |
| C805 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C806 | 1-102-516-11 | CERAMIC | 27PF | 5% | 50V |
| C807 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C808 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C809 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C810 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C811 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C812 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C813 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C814 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C815 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C816 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C817 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C818 | 1-102-510-11 | CERAMIC | 12PF | 5% | 50V |
| C819 | 1-102-510-11 | CERAMIC | 12PF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C820 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C821 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C822 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C823 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C824 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C825 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C826 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C827 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C828 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C829 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C830 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C831 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C832 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C833 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C834 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C835 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C836 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C837 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C838 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C839 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C840 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C841 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C842 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C843 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C844 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C845 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C846 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C847 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C848 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C849 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C850 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C851 | 1-128-956-11 | DOUBLE LAYERS | 0.33uF | | 5.5V |
| C853 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C854 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C855 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C856 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C857 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C858 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C859 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C860 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C861 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C862 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| C863 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C864 | 1-162-306-11 | CERAMIC | 0.01uF | 30% | 16V |
| | | < FILTER > | | | |
| CF1 | 1-781-508-11 | FILTER, CERAMIC | | | |
| CF2 | 1-781-507-11 | FILTER, CERAMIC | | | |
| CF3 | 1-781-510-11 | FILTER, CERAMIC | | | |
| CF4 | 1-781-509-11 | FILTER, CERAMIC | | | |
| | | < CONNECTOR > | | | |
| CN301 | 1-779-616-11 | CONNECTOR (TOP BASE) 3P | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| CN302 | 1-779-615-11 | CONNECTOR (TOP BASE) 5P | |
| * CN303 | 1-793-103-11 | CONNECTOR (TOP BASE) 2P | |
| * CN305 | 1-793-108-11 | CONNECTOR (WIRE HOLDER) 8P | |
| * CN313 | 1-793-104-11 | CONNECTOR (TOP BASE) 4P | |
| * CN314 | 1-793-106-11 | CONNECTOR (TOP BASE) 12P | |
| * CN701 | 1-793-113-11 | CONNECTOR, FFC (TOP BASE) 16P | |
| * CN702 | 1-793-105-11 | CONNECTOR (TOP BASE) 8P | |
| * CN706 | 1-793-109-11 | CONNECTOR, FFC (TOP BASE) 5P | |
| CN707 | 1-779-615-11 | CONNECTOR (TOP BASE) 5P | |
| * CN801 | 1-793-219-11 | CONNECTOR (HEAD) 16P | |
| * CN802 | 1-793-220-11 | CONNECTOR (HEAD) 17P | |
| * CN804 | 1-793-220-11 | CONNECTOR (HEAD) 17P | |
| | | < DIODE > | |
| D1 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D2 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D3 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D4 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D7 | 8-719-075-42 | DIODE SVC348SPA | |
| D9 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D10 | 8-719-109-89 | DIODE RD5.6ESB2 | |
| D301 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D302 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D303 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D304 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D305 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D331 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D333 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D335 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D703 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D801 | 8-719-055-76 | DIODE 1N4148 | |
| D802 | 8-719-055-76 | DIODE 1N4148 | |
| | | < FRONT END > | |
| FE1 | 1-693-464-11 | FRONT END, FM | |
| | | < IC > | |
| IC2 | 8-759-590-14 | IC LA1833L | |
| IC3 | 8-759-590-13 | IC LC72131D | |
| IC301 | 8-759-457-58 | IC BA3426AS | |
| IC303 | 8-759-634-51 | IC M5218AP | |
| IC304 | 8-759-325-94 | IC TDA7319 | |
| IC701 | 8-752-082-14 | IC CXA1992BR | |
| IC702 | 8-752-384-13 | IC CXD2589Q | |
| IC703 | 8-759-579-80 | IC BA5936S | |
| IC704 | 8-759-234-75 | IC TC74HC4094AP | |
| IC705 | 8-759-505-55 | IC NJM4558L | |
| IC801 | 8-752-906-04 | IC CXP83232A-013Q | |
| IC802 | 8-759-165-81 | IC PST600D-T | |
| | | < ANTENNA TERMINAL > | |
| JK303 | 1-694-568-11 | TERMINAL, ANTENNA (AM EXT ANT) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < COIL > | |
| L4 | 1-411-901-11 | COIL, ANTENNA | |
| L5 | 1-429-555-11 | TRANSFORMER, AM OSC | |
| L6 | 1-419-153-11 | COIL, PEAKING 47uH | |
| L8 | 1-419-152-11 | COIL, PEAKING 22uH | |
| L13 | 1-419-152-11 | COIL, PEAKING 22uH | |
| L14 | 1-419-152-11 | COIL, PEAKING 22uH | |
| L301 | 1-419-155-11 | COIL, BIAS OSCILLATION | |
| L702 | 1-469-447-11 | FERRITE BEAD INDUCTOR | |
| L703 | 1-469-447-11 | FERRITE BEAD INDUCTOR | |
| L704 | 1-419-150-11 | COIL, PEAKING 10uH | |
| L705 | 1-419-150-11 | COIL, PEAKING 10uH | |
| L711 | 1-419-154-11 | COIL, PEAKING 100uH | |
| L712 | 1-419-154-11 | COIL, PEAKING 100uH | |
| L713 | 1-419-154-11 | COIL, PEAKING 100uH | |
| L714 | 1-419-154-11 | COIL, PEAKING 100uH | |
| L715 | 1-419-159-11 | INDUCTOR 100uH | |
| L801 | 1-419-151-11 | COIL, PEAKING 100uH | |
| L802 | 1-419-150-11 | COIL, PEAKING 8.2uH | |
| | | < TRANSISTOR > | |
| Q1 | 8-729-672-42 | TRANSISTOR 2SC2724-C | |
| Q8 | 8-729-041-83 | FET 2SK544E | |
| Q14 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q102 | 8-729-142-46 | TRANSISTOR 2SC2001-LK | |
| Q103 | 8-729-142-46 | TRANSISTOR 2SC2001-LK | |
| Q121 | 8-729-178-55 | TRANSISTOR 2SC2785-E | |
| Q123 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q125 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q202 | 8-729-142-46 | TRANSISTOR 2SC2001-LK | |
| Q203 | 8-729-142-46 | TRANSISTOR 2SC2001-LK | |
| Q221 | 8-729-178-55 | TRANSISTOR 2SC2785-E | |
| Q223 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q225 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q301 | 8-729-048-99 | FET 2SK2541 | |
| Q302 | 8-729-902-80 | TRANSISTOR DTA114YS | |
| Q303 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q304 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q305 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q306 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q308 | 8-729-902-80 | TRANSISTOR DTA114YS | |
| Q309 | 8-729-195-23 | TRANSISTOR 2SA952 | |
| Q310 | 8-729-048-99 | FET 2SK2541 | |
| Q311 | 8-729-048-99 | FET 2SK2541 | |
| Q312 | 8-729-048-99 | FET 2SK2541 | |
| Q313 | 8-729-902-80 | TRANSISTOR DTA114YS | |
| Q314 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q315 | 8-729-902-80 | TRANSISTOR DTA114YS | |
| Q316 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q701 | 8-729-195-23 | TRANSISTOR 2SA952 | |
| Q703 | 8-729-195-23 | TRANSISTOR 2SA952 | |
| Q801 | 8-729-672-42 | TRANSISTOR 2SC2724-C | |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| Q802 | 8-729-672-42 | TRANSISTOR 2SC2724-C | | | |
| Q809 | 8-729-048-99 | FET 2SK2541 | | | |
| Q810 | 8-729-195-23 | TRANSISTOR 2SA952 | | | |
| Q811 | 8-729-048-99 | FET 2SK2541 | | | |
| Q812 | 8-729-195-23 | TRANSISTOR 2SA952 | | | |
| | | < RESISTOR > | | | |
| R5 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6 | 1-247-849-11 | CARBON | 5.6K | 5% | 1/4W |
| R7 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R12 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R13 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R14 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R15 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R16 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/6W |
| R17 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R18 | 1-247-807-11 | CARBON | 100 | 5% | 1/4W |
| R19 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R20 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R21 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R23 | 1-249-428-11 | CARBON | 8.2K | 5% | 1/4W |
| R24 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R32 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R33 | 1-247-849-11 | CARBON | 5.6K | 5% | 1/4W |
| R34 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R35 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R36 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R38 | 1-247-807-11 | CARBON | 100 | 5% | 1/4W |
| R39 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R40 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R41 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R42 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R43 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R47 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R51 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R55 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R73 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R74 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R103 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R104 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R105 | 1-249-404-00 | CARBON | 82 | 5% | 1/4W |
| R121 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R122 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R123 | 1-247-891-00 | CARBON | 330K | 5% | 1/4W |
| R124 | 1-247-867-11 | CARBON | 33K | 5% | 1/4W |
| R125 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R126 | 1-247-841-11 | CARBON | 2.7K | 5% | 1/4W |
| R127 | 1-247-849-11 | CARBON | 5.6K | 5% | 1/4W |
| R128 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R130 | 1-247-739-11 | CARBON | 100 | 5% | 1/2W |
| R131 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R136 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R137 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R138 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R151 | 1-249-428-11 | CARBON | 8.2K | 5% | 1/4W |
| R152 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R153 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R154 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R155 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R203 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R204 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R205 | 1-249-404-00 | CARBON | 82 | 5% | 1/4W |
| R221 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R222 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R223 | 1-247-891-00 | CARBON | 330K | 5% | 1/4W |
| R224 | 1-247-867-11 | CARBON | 33K | 5% | 1/4W |
| R225 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R226 | 1-247-841-11 | CARBON | 2.7K | 5% | 1/4W |
| R227 | 1-247-849-11 | CARBON | 5.6K | 5% | 1/4W |
| R228 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R236 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R237 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R238 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R251 | 1-249-428-11 | CARBON | 8.2K | 5% | 1/4W |
| R252 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R253 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R254 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R255 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R301 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R302 | 1-247-895-00 | CARBON | 470K | 5% | 1/4W |
| R306 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R307 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R310 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R312 | 1-247-835-11 | CARBON | 1.5K | 5% | 1/4W |
| R314 | 1-247-841-11 | CARBON | 2.7K | 5% | 1/4W |
| R315 | 1-247-807-11 | CARBON | 100 | 5% | 1/4W |
| R316 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R317 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R318 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R319 | 1-249-399-11 | CARBON | 33 | 5% | 1/4W |
| R320 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R321 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R322 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R323 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R324 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R325 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R326 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R327 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R328 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R329 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R331 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R333 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R334 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R336 | 1-247-807-11 | CARBON | 100 | 5% | 1/4W |
| R337 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R347 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R352 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R356 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R357 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R361 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R362 | 1-249-408-11 | CARBON | 180 | 5% | 1/4W |
| R363 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R364 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R701 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W |
| R704 | 1-247-862-11 | CARBON | 20K | 5% | 1/4W |
| R705 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R706 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R707 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R710 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W |
| R711 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W |
| R713 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R714 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R715 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R716 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R717 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R718 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R719 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W |
| R720 | 1-247-891-00 | CARBON | 330K | 5% | 1/4W |
| R721 | 1-247-885-00 | CARBON | 180K | 5% | 1/4W |
| R722 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R723 | 1-247-852-11 | CARBON | 7.5K | 5% | 1/4W |
| R724 | 1-249-428-11 | CARBON | 8.2K | 5% | 1/4W |
| R725 | 1-247-899-11 | CARBON | 680K | 5% | 1/4W |
| R726 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W |
| R726A | 1-247-886-11 | CARBON | 200K | 5% | 1/4W |
| R727 | 1-247-896-11 | CARBON | 510K | 5% | 1/4W |
| R728 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R729 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R730 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R732 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W |
| R733 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R734 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W |
| R735 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R736 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R737 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R738 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R739 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R740 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R741 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R742 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/6W |
| R743 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R744 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R745 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R746 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R747 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R748 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R751 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R752 | 1-247-867-11 | CARBON | 33K | 5% | 1/4W |
| R753 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R755 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R756 | 1-247-867-11 | CARBON | 33K | 5% | 1/4W |
| R758 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R759 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R760 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R761 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R762 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R763 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W |
| R764 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R765 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R766 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R767 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R771 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R773 | 1-249-442-11 | CARBON | 510 | 5% | 1/4W |
| R774 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R775 | 1-247-867-11 | CARBON | 33K | 5% | 1/4W |
| R777 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R778 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R779 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R780 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R781 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R782 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R783 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R784 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R785 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R786 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R787 | 1-247-825-11 | CARBON | 560 | 5% | 1/4W |
| R788 | 1-247-825-11 | CARBON | 560 | 5% | 1/4W |
| R789 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R790 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R795 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R795A | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R796 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R796A | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R797 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R797A | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R798 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R798A | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R799A | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R834 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R835 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R836 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R837 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R838 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R839 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R840 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R841 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R842 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R843 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R844 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R845 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R846 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R847 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R848 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R849 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R850 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R851 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R852 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R853 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R854 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R855 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R856 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R857 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R858 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R859 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R860 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R861 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R862 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R863 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R864 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R865 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R866 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R867 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R868 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R869 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R870 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R871 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R872 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R873 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R874 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R875 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R876 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R878 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R879 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R880 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R881 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R882 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R883 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R884 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R885 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R886 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R887 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R888 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R889 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R890 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R891 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R892 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R893 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R894 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R895 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R896 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R897 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R898 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| R899 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA01 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| RA02 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA03 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA04 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA05 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA06 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA07 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA08 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA09 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA10 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA11 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA12 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA13 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA14 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA15 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA16 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA17 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA18 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA19 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA20 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA21 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA22 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA28 | 1-247-807-11 | CARBON | 100 | 5% | 1/4W |
| RA29 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| RA30 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| RA31 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA32 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA33 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA34 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| RA35 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| RA36 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| RA37 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| RA38 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| RA39 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA40 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA41 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA42 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA43 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA44 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA45 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA46 | 1-247-855-11 | CARBON | 10K | 5% | 1/4W |
| RA47 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| RA48 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| RA49 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| RA50 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| | | < SWITCH > | | | |
| S301 | 1-771-732-11 | SWITCH, TACTILE (RESET) | | | |
| | | < VARIABLE RESISTOR > | | | |
| SFR301 | 1-225-849-11 | RES, VAR, CARBON 2K | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < TRANSFORMER > | | | |
| T2 | 1-429-554-11 | TRANSFORMER, AM IFT | | | |
| | | < TRIMMER > | | | |
| TC2 | 1-141-304-21 | CAP, TRIMMER | 10PF | | |
| | | < TEST PIN > | | | |
| * TP1 | 1-793-223-11 | HEADER, PIN 2P | | | |
| * TP801 | 1-793-223-11 | HEADER, PIN 2P | | | |
| | | < VIBRATOR > | | | |
| X1 | 1-781-511-11 | VIBRATOR, CRYSTAL (7.2MHz) | | | |
| X801 | 1-767-184-11 | VIBRATOR, CERAMIC (4.19MHz) | | | |
| X802 | 1-781-512-11 | VIBRATOR, CRYSTAL (32.768kHz) | | | |
| XTL1 | 1-781-513-11 | VIBRATOR, CERAMIC (16.9344MHz) | | | |
| ********** | | | | | |
| * | 1-673-772-11 | MD BOARD | | | |
| | | ********* | | | |
| | 1-790-888-11 | CABLE, FLAT 8P | | | |
| | 1-790-890-11 | WIRE, RIBBON 4P | | | |
| | 1-790-891-11 | WIRE, RIBBON 6P | | | |
| | | < CONNECTOR > | | | |
| CN305 | 1-779-603-11 | CONNECTOR (WIRE HOLDER) 8P | | | |
| CN311 | 1-779-604-11 | CONNECTOR (WIRE HOLDER) 4P | | | |
| CN310 | 1-779-605-11 | CONNECTOR (WIRE HOLDER) 6P | | | |
| ********** | | | | | |
| * | 1-674-180-11 | MOTOR BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1 | 1-126-963-11 | ELECT | 4.7uF | 20% 50V | |
| | | < CONNECTOR > | | | |
| * CN6 | 1-568-824-11 | SOCKET, CONNECTOR 5P | | | |
| CN18 | 1-779-606-11 | CONNECTOR (WIRE HOLDER) 2P | | | |
| ********** | | | | | |
| * | A-3322-017-A | POWER BOARD, COMPLETE | | | |
| | | ********** | | | |
| | 1-533-233-31 | HOLDER, FUSE | | | |
| * | 1-793-248-11 | LEAD, CONNECTOR 4P | | | |
| * | 1-793-250-11 | LEAD, CONNECTOR 12P | | | |
| | 7-685-646-79 | SCREW, TOTSU BTP 3X8 TYPE2 N-S | | | |
| | | < CAPACITOR > | | | |
| C134 | 1-126-963-11 | ELECT | 4.7uF | 20% 50V | |
| C135 | 1-162-301-11 | CERAMIC | 0.0015uF | 30% 16V | |
| C137 | 1-162-286-31 | CERAMIC | 220PF | 10% 50V | |
| C138 | 1-130-495-11 | MYLAR | 0.1uF | 5% 50V | |
| C139 | 1-126-768-11 | ELECT | 2200uF | 20% 16V | |
| C140 | 1-124-907-11 | ELECT | 10uF | 20% 50V | |
| C181 | 1-124-907-11 | ELECT | 10uF | 20% 50V | |
| C182 | 1-126-940-11 | ELECT | 330uF | 20% 10V | |
| C234 | 1-126-963-11 | ELECT | 4.7uF | 20% 50V | |
| C235 | 1-162-301-11 | CERAMIC | 0.0015uF | 30% 16V | |
| C237 | 1-162-286-31 | CERAMIC | 220PF | 10% 50V | |
| C238 | 1-130-495-11 | MYLAR | 0.1uF | 5% 50V | |
| C239 | 1-126-768-11 | ELECT | 2200uF | 20% 16V | |
| C240 | 1-124-907-11 | ELECT | 10uF | 20% 50V | |
| C281 | 1-124-907-11 | ELECT | 10uF | 20% 50V | |
| C282 | 1-126-940-11 | ELECT | 330uF | 20% 10V | |
| C327 | 1-130-495-11 | MYLAR | 0.1uF | 5% 50V | |
| C327A | 1-130-495-11 | MYLAR | 0.1uF | 5% 50V | |
| C333 | 1-124-443-00 | ELECT | 100uF | 20% 10V | |
| C336 | 1-124-907-11 | ELECT | 10uF | 20% 50V | |
| C338 | 1-161-485-00 | CERAMIC | 0.1uF | 50V | |
| C338A | 1-161-485-00 | CERAMIC | 0.1uF | 50V | |
| C339 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C339A | 1-161-485-00 | CERAMIC | 0.1uF | 50V | |
| C341 | 1-161-485-00 | CERAMIC | 0.1uF | 50V | |
| C342 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C343 | 1-104-666-11 | ELECT | 220uF | 20% 16V | |
| C345 | 1-124-472-11 | ELECT | 470uF | 20% 10V | |
| C346 | 1-161-485-00 | CERAMIC | 0.1uF | 50V | |
| C347 | 1-104-666-11 | ELECT | 220uF | 20% 10V | |
| C348 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C349 | 1-124-443-00 | ELECT | 100uF | 20% 10V | |
| C350 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C351 | 1-124-443-00 | ELECT | 100uF | 20% 10V | |
| C352 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C353 | 1-126-943-11 | ELECT | 2200uF | 20% 25V | |
| C354 | 1-124-636-00 | ELECT | 3300uF | 20% 25V | |
| C355 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C356 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C357 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C358 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C359 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C360 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C361 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C362 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C364A | 1-104-666-11 | ELECT | 220uF | 20% 16V | |
| C365 | 1-124-443-00 | ELECT | 100uF | 20% 10V | |
| C381 | 1-124-903-11 | ELECT | 1uF | 20% 50V | |
| C382 | 1-104-664-11 | ELECT | 47uF | 20% 16V | |
| C383 | 1-104-666-11 | ELECT | 220uF | 20% 10V | |
| C385 | 1-124-636-00 | ELECT | 3300uF | 20% 25V | |
| | | < CONNECTOR > | | | |
| * CN306 | 1-793-118-11 | CONNECTOR (TOP BASE) 2P | | | |
| * CN307 | 1-793-119-11 | CONNECTOR (TOP BASE) 3P | | | |
| CN308 | 1-779-604-11 | CONNECTOR (WIRE HOLDER) 4P | | | |
| CN313 | 1-790-911-11 | LEAD, CONNECTOR | | | |
| * CN314 | 1-793-117-11 | CONNECTOR (WIRE HOLDER) 12P | | | |

# POWER | REMOCON | SWITCH (A)

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < DIODE > | |
| D321 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D322 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D323 | 8-719-110-17 | DIODE RD10ESB2 | |
| D323A | 8-719-929-15 | DIODE HZS9.1NB2 | |
| D324 | 8-719-110-08 | DIODE RD8.2ES-B2 | |
| D325 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D327 | 8-719-076-51 | DIODE W02GL | |
| D330 | 8-719-074-96 | DIODE GBU4D | |
| D332 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D334 | 8-719-991-33 | DIODE 1SS133T-77 | |
| | | < FUSE > | |
| ⚠F301 | 1-576-105-11 | FUSE, GLASS TUBE (DIA. 5) (2.5A/250V) | |
| ⚠F302 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| ⚠F303 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| | | < IC > | |
| IC305 | 8-759-190-89 | IC TDA7265 | |
| IC306 | 8-759-590-12 | IC NJM78L05 | |
| IC308 | 8-759-536-47 | IC BH3543F-E2 | |
| IC309 | 8-759-590-12 | IC NJM78L05 | |
| | | < SPEAKER TERMINAL > | |
| JK301 | 1-694-557-11 | TERMINAL, SPEAKER (SPEAKER IMP. 6Ω) | |
| | | < TRANSISTOR > | |
| Q321 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| Q322 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| Q323 | 8-729-049-00 | TRANSISTOR 2SA733P | |
| Q324 | 8-729-822-89 | TRANSISTOR 2SD1667-R | |
| Q325 | 8-729-822-89 | TRANSISTOR 2SD1667-R | |
| Q326 | 8-729-822-89 | TRANSISTOR 2SD1667-R | |
| Q328 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| Q380 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| Q381 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| Q382 | 8-729-195-56 | TRANSISTOR 2SC945Q | |
| | | < RESISTOR > | |
| R129 | 1-249-411-11 | CARBON 330 5% 1/4W | |
| R130 | 1-249-432-11 | CARBON 18K 5% 1/4W | |
| ⚠R131 | 1-212-950-00 | FUSIBLE 4.7 5% 1/2W | F |
| R132 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R137 | 1-247-903-00 | CARBON 1M 5% 1/4W | |
| R229 | 1-249-411-11 | CARBON 330 5% 1/4W | |
| R230 | 1-249-432-11 | CARBON 18K 5% 1/4W | |
| ⚠R231 | 1-212-950-00 | FUSIBLE 4.7 5% 1/2W | F |
| R232 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R237 | 1-247-903-00 | CARBON 1M 5% 1/4W | |
| R329 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R330 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R331 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R332 | 1-247-843-11 | CARBON 3.3K 5% 1/4W | |
| R335 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R338 | 1-249-431-11 | CARBON 15K 5% 1/4W | |
| R339 | 1-249-410-11 | CARBON 270 5% 1/4W | |
| R340 | 1-249-437-11 | CARBON 47K 5% 1/4W | |
| R341 | 1-249-420-11 | CARBON 1.8K 5% 1/4W | |
| R342 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| R344 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R346 | 1-249-385-11 | CARBON 2.2 5% 1/6W | |
| R353 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R354 | 1-249-416-11 | CARBON 820 5% 1/4W | |
| R381 | 1-249-433-11 | CARBON 22K 5% 1/4W | |
| R382 | 1-249-440-11 | CARBON 82K 5% 1/4W | |
| R383 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R384 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R385 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R386 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R387 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R388 | 1-249-435-11 | CARBON 33K 5% 1/4W | |
| ********** | | | |
| | | REMOCON BOARD (SUPPLIED WITH FRONT BOARD, COMPLETE) | |
| | | ********** | |
| | | < CAPACITOR > | |
| C852 | 1-104-663-11 | ELECT 33uF 20% 16V | |
| | | < CONNECTOR > | |
| * CN805 | 1-793-131-11 | HEADER, PIN 3P | |
| | | < REMOTE SENSOR > | |
| RM801 | 1-418-434-11 | SENSOR, REMOTE | |
| ********** | | | |
| * | 1-674-176-11 | SWITCH (A) BOARD | |
| | | ********** | |
| | 1-790-899-11 | CABLE, FLAT 2P | |
| | | < CONNECTOR > | |
| CN18 | 1-779-606-11 | CONNECTOR (WIRE HOLDER) 2P | |
| | | < SWITCH > | |
| S04 | 1-771-714-11 | SWITCH, LEAF (MOVE) | |
| ********** | | | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.<br>Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.<br>Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * | 1-674-177-11 | SWITCH (B) BOARD | |
| | | ********** | |
| | | < CONNECTOR > | |
| * CN19 | 1-793-251-11 | LEAD, CONNECTOR 2P | |
| | | < SWITCH > | |
| S03 | 1-771-714-11 | SWITCH, LEAF (DISC COUNTER) | |
| ********** | | | |
| * | 1-674-178-11 | SWITCH (C) BOARD | |
| | | ********** | |
| | 1-790-887-11 | CABLE, FLAT 3P | |
| | | < CONNECTOR > | |
| CN16 | 1-779-620-11 | CONNECTOR (WIRE HOLDER) 3P | |
| | | < SWITCH > | |
| S02 | 1-517-300-21 | TUBE, FLUORESCENT, COLD CATHODE (OPEN/CLOSE) | |
| ********** | | | |
| * | 1-674-179-11 | SWITCH (D) BOARD | |
| | | ********** | |
| * | 1-793-249-11 | LEAD, CONNECTOR 5P | |
| | | < CONNECTOR > | |
| CN5 | 1-779-693-11 | CONNECTOR (WIRE HOLDER) 5P | |
| CN16 | 1-779-620-11 | CONNECTOR (WIRE HOLDER) 3P | |
| | | < SWITCH > | |
| S01 | 1-571-300-31 | SWITCH, ROTARY (CD UP/DOWN) | |
| ********** | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | MISCELLANEOUS | |
| | | ********** | |
| ⚠5 | 1-790-793-11 | CORD, POWER | |
| * 76 | 1-793-247-11 | LEAD, CONNECTOR 8P | |
| 77 | 1-790-900-11 | LEAD, GROUND | |
| 170 | 1-790-885-11 | FFC | |
| 202 | 1-790-886-11 | FFC | |
| 325 | 1-790-913-11 | LEAD, HEAD (E) (DECK B) | |
| 326 | 1-790-912-11 | LEAD, HEAD (A) (DECK A) | |
| 326 | 1-790-914-11 | LEAD, HEAD (B) (DECK B) | |
| ⚠401 | 8-848-483-05 | PICK-UP, OPTICAL KSS-213C/Q-RP | |
| 406 | X-2625-877-1 | CHASSIS ASSY (MB), MOTOR (SPINDLE) (including M701) | |
| 452 | 1-751-483-11 | CORD, SPEAKER CONNECTION | |
| ANT1 | 1-754-070-11 | ANTENNA, TELESCOPIC | |
| ⚠F301 | 1-576-105-11 | FUSE, GLASS TUBE (DIA. 5) (2.5A/250V) | |
| ⚠F302 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| ⚠F303 | 1-576-106-11 | FUSE, GLASS TUBE (DIA. 5) (3A/250V) | |
| HE301 | 1-500-139-11 | HEAD, ERASE (PH-K380-MS1-6A) (DECK B) | |
| HP301 | 1-500-464-11 | HEAD, PLAYBACK (DECK A) | |
| HRP301 | 1-500-464-11 | HEAD, RECORD/PLAYBACK (DECK B) | |
| M301 | X-3374-558-1 | MOTOR ASSY (CAPSTAN/REEL) | |
| M702 | X-2625-769-1 | GEAR ASSY (MB), MOTOR (SLED) | |
| M703 | X-3377-637-1 | MOTOR ASSY (TRAY) | |
| M704 | X-3377-636-1 | MOTOR ASSY (TABLE ROTATE) | |
| ⚠PT1 | 1-433-883-11 | TRANSFORMER, POWER | |
| S1 | 1-762-022-11 | SWITCH, LEAF (MSW-1541T) (MOTOR) (DECK A) | |
| S2 | 1-762-023-11 | SWITCH, LEAF (MSW17820MVD0) (PLAY) (DECK A) | |
| S3 | 1-762-022-11 | SWITCH, LEAF (MSW-1541T) (MOTOR) (DECK B) | |
| S4 | 1-762-023-11 | SWITCH, LEAF (MSW17820MVD0) (PLAY) (DECK B) | |
| S5 | 1-762-024-11 | SWITCH, LEAF (MSW-1275) (REC) (DECK B) | |
| SP901 | 1-529-365-11 | SPEAKER (L-CH) | |
| SP902 | 1-529-365-11 | SPEAKER (R-CH) | |
| ********** | | | |
| | | ACCESSORIES & PACKING MATERIALS | |
| | | ********** | |
| | 1-418-433-11 | REMOTE COMMANDER (RMT-CC1000A) | |
| | 1-754-071-11 | ANTENNA, LOOP (AM) | |
| | 3-037-189-01 | LID, BATTERY CASE (for RMT-CC1000A) | |
| | 3-866-642-11 | MANUAL, INSTRUCTION (ENGLISH) | |
| | 3-866-642-21 | MANUAL, INSTRUCTION (FRENCH) (Canadian) | |
| ********** | | | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | ********** | |
| | | HARDWARE LIST | |
| | | ********** | |
| #1 | 7-685-649-79 | SCREW, TOTSU BTP 3X14 TYPE2 N-S | |
| #2 | 7-682-148-01 | SCREW +P 3X8 | |
| #3 | 7-685-246-19 | SCREW +KTP 3X8 TYPE2 NON-SLIT | |
| #4 | 7-685-646-79 | SCREW, TOTSU BTP 3X8 TYPE2 N-S | |
| #5 | 7-685-647-79 | SCREW, TOTSU BTP 3X10 TYPE2 N-S | |
| #6 | 7-687-634-14 | SCREW, TOTSU BTP 4X10 TYPE2 N-S | |
| #7 | 7-685-648-79 | SCREW, TOTSU BTP 3X12 TYPE2 N-S | |
| #8 | 7-624-106-04 | STOP RING 3.0, TYPE -E | |
| #9 | 7-624-118-01 | RING, RETAINING E-2.5 | |
| #10 | 7-688-003-01 | W 3, SMALL | |
| #11 | 7-685-902-11 | SCREW +PWH 2.6X6 | |
| #12 | 7-685-902-21 | SCREW +PTPWH 2.6X8 (TYPE2) | |
| #13 | 7-685-134-14 | SCREW +P 2.6X8 TYPE2 NON-SLIT | |
| #14 | 7-685-135-19 | SCREW +P 2.6X10 TYPE2 NON-SLIT | |
| #15 | 7-685-131-19 | SCREW +P 2.6X4 TYPE2 NON-SLIT | |
| #16 | 7-685-903-21 | SCREW +PTPWH 3X8 (TYPE2) | |
| #17 | 7-685-134-19 | SCREW +P 2.6X8 TYPE2 NON-SLIT | |
| #18 | 7-623-924-01 | WASHER 3.0, NYLON | |
| #19 | 7-685-132-19 | SCREW +P 2.6X5 TYPE2 NON-SLIT | |
| #20 | 7-685-133-19 | SCREW +P 2.6X6 TYPE2 | |
| #21 | 7-685-106-19 | SCREW +P 2X10 TYPE2 NON-SLIT | |
| #22 | 7-685-139-29 | SCREW, TAPPING, (M2.6X20) | |
| #23 | 7-621-255-35 | SCREW +P 2X5 | |
| #24 | 7-621-846-70 | SCREW, WOOD +R 4.1X32 | |
| #25 | 7-621-849-20 | SCREW, WOOD +R 3.1X16 | |



99D047022-1
Printed in Singapore ©1999. 4
Published by Quality Engineering Dept.
(Shinagawa)